US-09-531-914-4
US-09-531-914-5
US-09-531-914-9
US-09-908-9888-4
US-09-908-9888-4
US-09-949-016-10660
US-09-949-016-8267
US-08-973-462-8
US-09-531-914-8
US-09-531-914-8
US-09-736-770-6
US-09-736-770-6
US-09-736-770-1809
US-09-736-75-1809
US-09-643-657-4
US-09-671-325-1809
US-09-671-325-1809
US-09-674-9-016-7755

5, Appli 9, Appli 9, Appli 4, Appli 10660, Ap 8267, Ap 8, Appli 8, Appli 6, Appli 6287, Ap 6287, Ap 1809, Ap

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Minimum DB
Maximum DB
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Maximum Match :0(*
Listing first +5 summaries
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Perfect score:
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seq length: 20000000000
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1 /Ggn2_6/ptoc at a/1/taa/5A_COMB.pep:*
2 /Ggn2_6/ptoc at a/1/taa/5B_COMB.pep:*
3: /Ggn2_6/ptocata/1/taa/6A_COMB.pep:*
4: /Ggn2_6/ptocata/1/taa/6A_COMB.pep:*
5: /Ggn2_6/ptocata/1/taa/FCTUS_COMB.pep:*
5: /Ggn2_6/ptocata/1/taa/backfIles1.pep:*
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Gapop 10.0 , Garext 0.
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1462
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                                                        GerCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd
                                                                                                                                                                                                                                                              3 US-09-189-527-13
3 US-09-189-527-7
3 US-09-189-527-4
4 US-09-49-016-10835
4 US-09-585-1738-12
3 US-08-922-635-22
4 US-09-686-62
5 US-08-922-635-5
5 US-08-922-635-5
6 US-08-922-635-5
7 US-08-925-938-7
8 US-08-926-5128-2
9 US-08-938-913-2
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                    Sequence
13, Appli
4, Appli
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10835, Appli
22, Appli
6, Appli
5, Appli
7561, App
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Best Available Copy

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RESULT 1

US-09-189-527-13

Sequence 13, Application US/09189527A

Patent No. 6387639

GENERAL INFORMATION:
APPLICANT: Jerome B. Posner
APPLICANT: Jerome B. Posner
APPLICANT: Wyrna R. Rosenfeld
TITLE OF INVENTION: Ma Family Polypeptides and Anti-Ma
TITLE OF INVENTION: Antibodies
FILE REFERENCE: SLK98-01

CURRENT APPLICATION NUMBER: US/09/f89,527A

CURRENT FILING DATE: 1998-11-10

NUMBER OF SEQ ID NOS: 14

SOPTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 13

LENGTH: 462

TYPE: PRT
ORGANISM: homo sapiens
RESULT 2
US-09-189-527-7
; Sequence 7, Application US/09189527A
; Patent No. 6387639
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Best Local Similarity 50.3
Matches 135; Conservative
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                                                                                                                   PPSFLELMKVIREEEEEEEASF--ENESIE
                                                                                                                                                                            EGEKVSAYVLRLETLLRKAVEKRAIPRRIADQVRLEQVMAGATLNQMLMCRLRELKDQGP
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"CURRENT APPLICATION NUMBER: US/09/189,527A
CURRENT FILING DATE: 1998-11-10
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FRSTSEQ for Windows Version 3.0
SEQ ID NO 4
LENGTH: 329
TYPE: PRT
ORGANISM: homo sapiens
US-09-189-527-4
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CURRENT FILING DATE: 1998-11-10
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 7
LENGTH: 195
TYPE: PRT
ORGANISM: homo sapiens
US-09-189-527-7
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PATEUR NO. 6387639
GENERAL INFORMATION:
APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalmau
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: Ma Family Polypeptides and Anti-Ma
TITLE OF INVENTION: Antibodies
                                                                                                                                                                                                                                                                                                                                                                              Query Match 38.6%; Score 564; DB 3; Length 329; Best Local Similarity 47.0%; Pred. No. 8.7e-51; Antiches 117; Conservative 47; Mismatches 73; Indels
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40.6%; Score 593; DB 3; Length 195;
Best Local Similarity 98.3%; Pred. No. 3.5e-54;
Matches 113; Conservative 1; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: JOSEP O. Dalmau
APPLICANT: Myrna R. Rosenfeld
FITTLE OF INVENTION: Ma Family Polypeptides
TITLE OF INVENTION: Antibodies
FILE REFERENCE: SLK98-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE:
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238 GPPPSFLEL 246
                                                         259
                                                                                                  182
                                                                                                                                          199
                                                                                                                                                                            122 KRWLAESLRGPALDLMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKTYQEEG 181
                                                                                                                                                                                                                       139 EMLNYILDNVIQPLVESIWYKRLTLFSGKGHPRAWRGNFDPWLEHTNEVLEEWQVSDVEK 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      141 LAHLLGQAMAHAPQPLLPMRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKEWP 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           61 LAHLLGQAMAHAPQPLLPMRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKEWP 115
                                                                                                                                                                                                                                                             63 HLLGQAMAHAPQPLL-PMRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKEWPVTEAEK 121
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                                                                                             EKVSAYVLRLETLLRKAVETRAIPRRIADQVRLEQVMAGA----TLNQMLWCRLRELKDQ 237
                                                         EKLSAYVIRLEPLLOKVVEKGAIDKDNVNQARLEQVIAGANHSGAIRROLWL---TGAGE 315
                                                                                                                                        RRIMESLIGPAADVIRIUKSNNPAITTAECLKALEQVEGSVESSRDAQIKFLNTYQNPG
                                                                                                                                                                                                                                                                                                        GKGGVWKVLFKPPTSDAEFLERLHLFLAREGWTVQDVARVLGFQNPTPTP----GPEMPA 138
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    Query Match
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CURRENT APPLICATION NUMBER: US/09/585,173B
CURRENT FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/137,461
PRIOR FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Microsoft Office 97
SEQ ID NO 12
LENGTH: 750
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 5
US-09-585-173B-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Human
US-09-949-016-10835
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                                               US-09-585-173B-12
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CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR PLING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-09-08
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10835
LENGTH: 577
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 12, Application US/09585173B Patent No. 6570063
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                            APPLICANT: Butler, Karlene
APPLICANT: Famodu, Omolayo O.
APPLICANT: Gutteridge, Steven
APPLICANT: Maxwell, Carl
TITLE OF INVENTION: Magnesium Chelatase
FILE REFERENCE: BB1370 US NA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                         TYPE: PRT
ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      7.1%; Score 104.5; DB 4;
Local Similarity 22.1%; Pred. No. 0.044;
es 43; Conservative 39; Micmarch-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   156 FKQVFGSLESRRTAQVRYLKTYQEEGEKVS-----AYVLRLETLLRKAVEKRAI 204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              96 EEESFEVWLEQATEIVKEWPVTEAEKKRWLAESLRGPALDLMHIVQADNPSISVEECLEA 155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SRQVARESTYLSSLKGSRLHPEELGGPPLKKLKQEVGEQSHPEIQQPPPGPESYVPPYRP 458
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRRIADQVRLEQVMAGATLN--QMLWCRLRELKD------QGPPPSFLELMKVIRE 252
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6.8%;
  Score 100;
  DB
  4.
  Length 750;
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7.

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 1070
; TYPE: PRT
; ORGANISM: Homo Bapiens
US-08-922-635-22
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Best Local S
Matches 65
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  EARLIER APPLICATION NUMBER: 08/650,766
EARLIER FILING DATE: 1996-05-20
EARLIER APPLICATION NUMBER: 60/012,600
EARLIER FILING DATE: 1996-03-01
NUMBER OF SEQ ID NOS: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No. 6033871
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/08/922,635A CURRENT FILING DATE: 1997-09-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: DNA MOLECULES ENCODING IMIDALINE RECEPTIVE POLYPEPTIDES TITLE OF INVENTION: AND POLYPEPTIDES ENCODED THEREBY FILE REFERENCE: Corrected Sequence Listing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: PILETZ, John E. APPLICANT: IVANOV, Tina R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    214 YVDEINLL--DEGISNLLLNVLSEGVNTVEREGISFKHPCRPLLIATYNPEEGAVREHLL
200
                                241
                                                                                                 181 GEKVSAYVLRLETILRK: VEKRAIPRRIADQVRLEQVMAGATLNQMLWCRLRELKDQGPP
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                                                                                                                                                                   PA------LDLMHIVQADNPSISVEECLEAFKQVF---GSLESRRTAQVRYLKTYQEE 180
                                                                                                                                                                                                     QPIL-----SNQGIMFVQEEALASSLSSTDSLTPEHQPIAQG-----CSDSLESI
                                                                                                                                                                                                                                       QPLLPMRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKE-WPVTEAEKKRWLAESLRG- 131
                                                                                                                                                                                                                                                                            EKELDTVE-VLKAIQKAKEVKSKLSNPEKKGGEDSRLSAAPCIRPSSSPPTVAPASASLP
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EQGEE---EDEEEEEEDVAENRYFEMGPPDVEEEEGGGQGEEEEEE 243
                                                                                                                                    PAGQAASDDLRDVPGAVGGASP----EHAEPEVQVVPGSGQIIFLPFTCIGYTATNQD-
                                PSFLELMKVIREEEEEEASFENESIE----EPEERDGYGRWNHEGDD 283
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                                                                 -----PIQRLSTLIRQAIE, RQLP-------AWIEAANQREEGQG
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                                                                                                                                                                                                                                                                                                                                                           6.7%; Score 98;
22.6%; Pred. No.
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                                                                                                                                                                                                                                                                                                                                                           DB 3; Length 1070;
0.54;
                                                                                                                                                                                                                                                                                                            -GQEGVSPATVPCISPELLAHLLGQAMAHAP
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CURRENT FILING DATE: 1999-07-30
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PERL Program
SEQ ID NO 2
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APPLICANT: Lal, Preeti
APPLICANT: Tang, Y. Tom
APPLICANT: Baugh, Mariah R.
APPLICANT: Baugh, Mariah R.
APPLICANT: Kaser, Matthew R.
TITLE OF INVENTION: Mammalian Imidazoline Receptor
FILE REFERENCE: PC-0006 US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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OTHER INFORMATION: 129581CD1
PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 1504
TYPE: PRT
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                       241 PSFLELMKVIREEEEEEASFENESIE----EPEERDGYGRWNHEGDD 283
                                                                                  602
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                                                                                                                                                                   548
                                                                                                                                                                                                                                                    503 QPIL-----SNQGIMFVQEEALASSLSSTDSLTPEHQPIAQG-----CSDSLESI 547
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                                                                                                                                                                                                                                                                                         74 QPLLPMRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKE-WPVTEAEKKRWLAESLRG-
                                                                                                                                                                                                                                                                                                                                                                           30 EKEGQTVSGMFRAL-------GQEGVSPATVPCISPELLAHLLGQAMAHAP
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EQGEE---EDEEEEEEDVAENRYFEMGPPDVEEEEGGGQGEEEEEE
                                                                                                                       GEKVSAYVLRLETLIRKAVEKRAIPRRIADQVRLEQVMAGATLNOMLWCRLREIKDQGPP 240
                                                                                                                                                                     PAGQAASDDLRDVPGAVGGASP-----EHAEPEVQVVPGSGQIIFLPFTCIGYTATNQD-
                                                                                  ----FIQRLSTLIRQAIE-RQLP----
                                                                                                                                                                                                          PA------LDLMHIVQADNPSISVEECLEAFKQVF---GSLESRRTAQVRYLKTYQEE 180
                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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                                                                                  -----AWIEAANQREEGQG 633
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WS-08-650-766-6
US-08-650-766-6
; Sequence 6, Application US/08650766D
; Sequence 6, Application US/08650766D
; GENERAL INFORMATION:
; GENERAL INFORMATION:
; APPLICANT: PILETZ, John E.
; APPLICANT: IVANOV, Tina R.
; APPLICANT: IVANOV, Tina R.
; TITLE OF INVENTION: WETHOD FOR CLONING THE SAME
; FILE REFERENCE: Corrected Sequence Listing
; Patent No. 6015690
; CURRENT APPLICATION NUMBER: US/08/650,766D
; CURRENT APPLICATION NUMBER: US/08/650,766D
; CURRENT FILING DATE: 1996-05-20
; EARLIER APPLICATION NUMBER: US 60/012,600
; EARLIER APPLICATION NUMBER: US 60/012,600
; EARLIER APPLICATION NUMBER: US 60/012,600
; SEQ ID NOS: 21
; SOPTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 651
; TYPE: PRT
; ORGANISM: Homo sapiens
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NUMBER OF SEQ ID NOS: 22
; SEQ TWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 651
; TYPE: PRT
; ORGANIOM: Homo sapiens
US-08-922-635-5
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US-08-922-635-5
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Best Local Similarity 23.0
59; Conservative
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EARLIER FILING DATE: 1996-05-20
LEARLIER APPLICATION NUMBER: 60/012,600
EARLIER FILING DATE: 1996-03-01
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 5, Application US/08922635A Patent No. 6033871
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APPLICANT: IVANOV, Tina R.
TITLE OF INVENTION: AND POLYPEPTIDES ENCODED THEREBY
FILE REFERENCE: Corrected Sequence Listing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/08/922,635A CURRENT FILING DATE: 1997-09-03
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267 EPEERDGYGRWNHEGDD 283
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                                                                                                                                                                                                                                                                                             104 LEQATEIVKE-WPVTEAEKKRWLAESLRG-PA-----LDLMHIVQADNPSISVEECL 153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          249 DVEEEEGGGQGEEEEEE 265
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              211 QVRLEQVMAGATLNQMLWCRLRELKDQGPPPSFLELMKVIREEEEEEASFENESIE----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  104 LEQATEIVKE-WPVTEAEKKRWLAESLRG-PA-----LDLMHIVQADNPSISVEECL 153
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                                                                                                                                                                                                                                                                                                                                                                                    44 GOEGVSPATVPCISPELLAHLLGQAMAHAPQPLLPMRYRKLRVFSGSAVPAPEEESFEVW 103
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GGEDSRLSAAPCIRPSSSPPTVAPASASLPQPIL-----SNQGIMFVQEEALASS 110
                                                                QVRLEQVMAGATLNQMLWCRLRELKDQGPPPSFLELMKVIREEEEEEASFENESIE----
                                                                                                                                                                                                                                           LSSTDSLTPEHOPIAOG-----CSDSLESIPAGQAASDDLRDVPGAVGGASP----EHA
                                                                                                                                                       EPEVOVVPGSGOIIFLPFTCIGYTATNOD-----FIQRLSTLIRQAIE-ROLP----
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3
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                                                                                                                        Sequence 51, Application US/09585173B
Patent No. 6570063
GENERAL INFORMATION:
APPLICANT: Butler, Karlene
APPLICANT: Famodu, Omolayo O.
APPLICANT: Maxwell, Carl
TITLE OF INVENTION: Magnesium Chelatase
FILE REFERENCE: BB1370 US NA
CURRENT APPLICATION NUMBER: US/09/585,173B
CURRENT APPLICATION NUMBER: US/09/585,173B
CURRENT APPLICATION NUMBER: US 60/137,461
PRIOR APPLICATION NUMBER: US 60/137,461
PRIOR FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 54
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US-09-585-1738-51
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US-09-389-487-6
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    US-09-585-173B-51
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Patent No. 6576742
GENERAL INFORMATION:
APPLICANT: PILETZ, John E.
APPLICANT: IVANOV, Tina R.
TITLE OF INVENTION: BUA SEQUENCE ENCODING A HUMAN IMIDAZOLINE RECEPTOR AND TITLE OF INVENTION: METHOD FOR CLONING THE SAME
FILE REFERENCE: Corrected Sequence Listing
Patent No. 6576742
                                                                                    SOFTWARE: Microsoft Office 97
SEQ ID NO 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 6
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Best Local Similarity
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CURRENT FILING DATE: 1999-09-03
EARLIER APPLICATION NUMBER: US 08/650,766
EARLIER FILING DATE: 1996-05-20
NUMBER OF SEQ ID NOS: 21
                TYPE: PRT ORGANISM: Pisum sativum
                                                                LENGTH: 754
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          104 LEQATEIVKE-WPVTEAEKKRWLÆESLRG-PA-----LDLMHIVQADNPSISVEECL 153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                44 GQEGVSPATVPCISPELLAHLLGQAMAHAPQPLLPMRYRKLRVFSGSAVPAPEBESFEVW 103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DVÉEEEGGGQGEEÉEEE 265
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EPEVQVVPGSGQIIFLPFTCIGYTATNQD-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               EAFKQVF----GSLESRRTAQVRYLKTYQEEGEKVSAYVLRLETLLRKAVEKRAI PRRIAD
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Pred. No. 0.29;
0; Mismatches 99;
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RESULT 12
US-09-949-016-7561
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SOFTWARE: FeatSEQ for Windows Version 4.0 SEQ ID NO 7561
LENGTH: 1307
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 7561, Application US/09949016 Patent No. 6812339
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Best Local Similarity
Matches 60; Conserv
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Best Local Similarity
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-09-949-016-7561
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/231,498 PRIOR FILING DATE: 2000-09-08
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                                                                                                                                                                                                                                                                                    152 CLEAFKOVFGSLESRRTAOVRYLKTYQEEGEKVSAYV------
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          71 HAPQPLLPMRYRKLRVFSGSAVPAPEE------ESFEVWLEQATEIVKEWPVTE 118
                                                                                                                                                                                                                                                                                                                                                              92 VPAPEBESFEVMLEQATETVKEMPVTEAEKKRMLAESLRGPALDIMHIVQADNPSISVEE 151
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                                                                                                                                                                                                                                           QMNTMKAVLEEKEKDLANTGKWLQDLQEENESLKAHVQEVAQHNLKEASSASQFEELEIV 941
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                                                                    QASSFPPHE--ELLKVISEREKEISGLWNELDSLKDAVEHQRKKNNERQQQVEAVELEAK 105:
                                                                                                  -----SIEEPEERD----
                                                                                                                                                         LKEKENELKRLEAMLKERESDLSSKTQLLQDVQDE-----NKLFKSQIEQLKQQNYQ 993
                                                                                                                                                                                                ------LRLETLLRKAVEKRAIPRRIADQVRLEQVMAGATLNQMLWCRLRELKDQG-- 238
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22.0%; Fred. No. 0.66;
                                                                                                                                                                                                                                                                                                                                                                                                                                         6.4%; Score 94; DB 4; Length 1307; 18.3%; Pred. No. 1.9;
---GYGRWNH 279
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OF DETECTION AND USES THEREOF
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                             APPLICANT: Ross, Christopher
APPLICANT: Li, Xiao-diang
APPLICANT: Li, Shi-Hua
APPLICANT: Li, Shi-Hua
APPLICANT: Sharp, Alan
APPLICANT: Hondhan, Anthony
APPLICANT: Morley, Paul
APPLICANT: Morley, Paul
APPLICANT: Snyder, Solomon
TITLE OF INVENTION: Huntingtin-associated protein
FILE REFERENCE: 01107.52271
CURRENT APPLICATION NUMBER: US/08/556,419C
CURRENT FILING DATE: 1995-11-09
NUMBER OF SEQ ID NOS: 25
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US-08-556-419-25
; Sequence 25, Applic
; Patent No. 6093549
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                                                                                                                                                                                                                                                                                                GENERAL
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Best Local Similarity
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CURRENT FILING DATE: 1999-03-08
NUMBER OF SEQ ID NOS: 13
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APPLICANT: De Gregorio, Ennio
TITLE OF INVENTION: TRANSLATION DRIVER SYSTEM AND METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 9882-004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          460 EAAAATQVAVSVPKRRKIKELNKKEAVGDLLDAFKEANPAVPEVENQPPAGSNPGPESE 519
                                                                                                                                                                                                                                                                                                INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         640 TRGPPRGGPGGELPRGPQAGLGPRRSQQGPRKEPRKIIATVLMTEDIKLNKAEKAWKPSS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              257 -EASFENESIEEP 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              89 GSAVPAPEEESFEVWLEQATEI-*------VKEW-PVTEAEKKRWLAESLRG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     82;
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                FastSEQ
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                                                                                                                                                                                                                                                                                                                                         Application US/08556419C
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22.0%; Pred. No. 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              -----pnpsisveecleafkqvfgsl-----
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LENGTH: 331
TYPE: PRT
ORGANISM: Homo Bapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local
                                                                                                                                                                               FILING DATE: 19920319
CCLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/660,412
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/603,803
APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: McKay, Ronald I
APPLICANT: Lendahl, Urban
                 REFERENCE/DOCKET NUMBER: 32,227
REFERENCE/DOCKET NUMBER: MIT-4641AAAA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: FAULT DATA: CURRENT APPLICATION DATA: US/07/853,913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk...
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                      APPLICATION NUMBER: US 07/180,548
ATTORNEY/AGENT INFORMATION
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TLE OF INVENTION: Nestin Expression As An Indicator TLE OF INVENTION: Neuroepithelial Tumors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         221 -ATLNOMINCRIREIKDOGPPPSFLELMKVIREEEEEASFENESIEEPEERDGY 274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     123 LRLENYEROOOEVARLONOVIKLOORCRMYGAETEKLOKOLASEKBIOMOLOBEETLPGF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    172 RYLKTY---QEEGEKVSAYVLRLETLLR-----KAVEKRAIPRRIADQVRLEQVMAG-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            183 QETLAEELRTSLRRMISD -- PVYFMERNYEMPRGDTSSLRYDFRYSBDREQVRGF 235
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             112 KEWPVTEAEKKRWLAESLRGPALDLMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQV 171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       54 PCISPELLAH--LIGQAMAHAPQPLLPMRYRKLRVFSGSAVPAPEEESFEVWLEQATEIV 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   89 -----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          53; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                B: Hamilton, Brool
Two Militia Drive
: 617-861-6240
617-861-9540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6.4%; Score 93.5; DB 3; Length 331;
22.6%; Pred. No. 0.27;
ative 40; Mismatches 85; Indels 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Brook,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ---LDTLE----DEEQMLILECVEOFSEASQQMAELSEVLV 122
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          57;
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; LENGTH: 1805 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-07-853-913-2
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Best Local Similarity
Matches 68; Conserv
881
                                                                                                                              182
                                                                                                                                                                       770 SIKSPEENORIGKPLERENOKSIRYLEENOETFVPLESRNORPLRSLEVEEEEORIVKPL 829
                                                                                                                                                                                                                                                             717 -----RLIEKESQESLRSPEEEDQEAGRSLQKENQEPLGYEEAEDQMLERLIEKESQE
                                                                                                                                                                                                                                                                                                                                                  664 PGAEDQMLERL---VEKEDQSFPRSPEEEDQEACRPLQKENQEPLGYEEAEGQILE----
                                                                                                                                                                                                                   128 SLRGPALDLMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKTYQEEG----- 181
                                                                                                                                                                                                                                                                                                 75 PLLPMRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKEWPVTEAEK-----KRWLAE 127
                                                                                                                                                                                                                                                                                                                                                                                         15 PNODTEFLERINLFLEKEGOTVSGMFRALGQEGVSPATVPCISPELLAHLLGQAMAHAPQ
IIIPQESETQVSLRPPEE--EDQRIVNHLEKESQEFSRSSEEEEQVMERSLEGE-NHE 935
                                         EKVSAYVLRLETLLRKAVEKRAIPRRIADQVRLEQVMAGATLNQMLWCRLRELKDQG--- 238
                                                                                       EKVS-----QDSLGSLAEENVQFLRYLEE----DDCINKSLLEDKTHKSLGSLEDRNGDS 880
                                                                                                                                                                                                                                                                                                                                                                                                                                  6.4%; Score 93; DB 1; Length 1805; ilarity 22.8%; Pred. No. 4.1; Conservative 35; Mismatches 137; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                               769
                                                                                                                                                                                                                                                                                                                                                  716
                                                                                                                                                                                                                                                                                                                                                                                             74
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Search completed: April 8, 2005, 12:52:57 Job time: 23.7385 secs

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Minimum DB
Maximum DB
                                                                                                                                                                                                                                                                                                                                                                                         Result
No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Database
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OM protein -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                  Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            seq length: 0
seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                        Query
Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Issued Patents AA:*

1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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1729
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      April 8, 2005, 11:48:54 ; Search time 25.272 Seconds (without alignments) 971.808 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 513545 segs, 74649064 residues
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                                                                                                                                                                                                                                                                                                                                 100.0
43.2
25.5
    Copyright
                                                                                                                                                                                                                                                                                                                                                                                        Length DB '.ID
    GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd
                           3 .US-09-189-527-4
3 .US-09-189-527-13
3 .US-09-189-527-7
4 .US-09-902-540-16701
4 .US-09-914-259-25
4 .US-09-949-016-7309
4 .US-09-949-016-7309
4 .US-09-902-540-15988
1 .US-09-902-540-15988
1 .US-09-902-540-15988
1 .US-09-816-277-2
2 .US-09-816-812-2
3 .US-09-816-812-2
4 .US-09-813-630-13
4 .US-09-813-630-13
4 .US-09-813-630-13
5 .US-09-813-630-13
6 .US-09-949-016-11567
7 .US-09-949-017-11567
8 .US-09-949-018-11551
9 .US-09-252-991A-32748
9 .US-09-252-991A-22086
9 .US-09-252-991A-22086
9 .US-09-952-991A-2086
9 .US-09-952-991A-2086
9 .US-09-952-991A-2086
9 .US-09-952-991A-2086
                                                                                                                                                                                                                                                                                                                                                                                                                                 SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        513545
Sequence 4, Appli
Sequence 7, Appli
Sequence 7, Appli
Sequence 25, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 16406, Ap
Sequence 16406, Ap
Sequence 16406, Ap
Sequence 2, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 11567, Ap
Sequence 11567, Appli
Sequence 32748, Appli
Sequence 32748, Appli
Sequence 22086, Appli
Sequence 23, Appli
Sequence 3, Appli
Sequence 3, Appli
Sequence 23, Appli
Sequence 12, Appli
                                                                                                                                                                                                                                                                                                                                                                                        Description
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| 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 82 |
|------------------|---------------------------|-------------------|---------------------|----------------------|---------------------|--------------------|-------------------------|-------------------------|----------------------|-----------------|-----------------|---------------------|--------------------|--------------------|---------------------|-------------------|-------------------|
| 83 | 83 | 83 | 83.5 | 83.5 | 84 | 84 | 84.5 | 84.5 | 85 | 85 | 85 | 96 | 98 | 86.5 | 87 | 87 | 0 |
| 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 0.0 |
| 539 | 524 | 341 | 431 | 332 | 871 | 406 | 4866 | 1105 | 1209 | 469 | 469 | 854 | 555 | 373 | 1300 | 600 | 000 |
| w | w | _ | 4 | 4 | w | 4 | 4 | w | 4 | w | w | 4 | 4 | 4 | 4 | w | Ļ |
| US-08-557-210A-4 | US-08-557-210A-3 | US-08-314-309A-19 | US-09-543-681A-6055 | US-09-252-991A-24064 | US-09-134-001C-3979 | US-09-328-352-6564 | US-09-424-783-2 | US-08-999-774A-2 | US-09-252-991A-25844 | US-09-410-372-9 | US-08-985-335-9 | US-09-134-000C-4673 | US-09-492-709A-308 | US-09-328-352-7009 | US-09-543-681A-4501 | US-09-617-053A-12 | 05-00-000-323A-12 |
| Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | aptranhae |
| 4, Appli | Appli | 19, Appl | 6055, Ap | 24064, A | 3979, Ap | 6564, Ap | Appli | Appli | 25844, A | 9, Appli | 9, Appli | 4673, Ap | 308, App | 7009, Ap | 4501, Ap | 12, Appl | Triday '2T |

ALIGNMENTS

| B 8 | g & | Qy Db | Qy db | Qу Db | Qy bb | Query Match Best Local : Matches 32 | RESULT 1 US-09-189-527-4 Sequence 4, A Sequence 6, A Patent No. 63 GENERAL INFOR APPLICANT: APPLICANT: APPLICANT: APPLICANT: TITLE OF INV TITLE OF INV CURRENT FILI CURRENT FILI NUMBER OF SE SOFTWARE: SEQ ID NO 4 LENGTH: 329 TYPE: PT ORGANISM: h US-09-189-527-4 |
|---------------------------------------|--|---|--|---|---|---|---|
| 301 SGAIRRQLMLTGAGEGFGPKPLSVAGADP 329 | 241 ESSRDAQIKFLNTYQNPGEKLSAYVIRLEPLLQKVVEKGAIDKDNVNQARLEQVIAGANH 300 | 181 LEHTNBYLBEWQVSDVEKRRLMESLRGPAADVIRILKSNNPAITTAECLKALEQVFGSV 240 | 121 RVLGFQNPTPTPGPEMPAEMLNYILDNVIQPLVESIWYKRLTLFSGKGHPRAWRGNFDPW 180 | 61 AKAALLELTGAVDYAAIPREMPGKGGVWKVLFKPPTSDAEFLERLHLFLAREGWTVQDVA 120 | 1 MAMTLLEDWCRGMDVNSORTLLVWGIPVNCDEAEIEETLQAAMPQVSYRMLGRMFWREEN 60 | <pre>/ Match 100.0%; Score 1729; DB 3; Length 329; Local Similarity 100.0%; Pred. No. 3.1e-182; les 329; Conservative 0; Mismatches 0; Indels 0; Gaps 0</pre> | ISULT 1 -09-189-527-4 -109-189-527-4 Sequence 4, Application US/09189527A Patent No. 6387639 GENERAL INFORMATION: APPLICANT: Jerome B. Posner APPLICANT: Josep O. Dalmau APPLICANT: Myrna R. Rosenfeld APPLICANT: Myrna R. Rosenfeld TITLE OF INVENTION: Ma Family Polypeptides and Anti-Ma TITLE OF INVENTION: March 1909-189,527A CURRENT APPLICATION INVESER: US/09/I89,527A CURRENT FILING DATE: 1998-11-10 NUMBER OF SEQ ID NOS: 14 SOPTWARR: PastSEQ for Windows Version 3.0 SEQ ID NO 4 LENGTH: 329 TYPE: PRT ORGANISM: homo sapiens |

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FILE REFERENCE: SLK98-01
CURRENT APPLICATION NUMBER: US/09/189,527A
CURRENT FILING DATE: 1998-11:70
NUMBER OF SEQ ID NOS: 14
SOPTWARE: FRSTSEQ for Windows Version 3.0
SEQ ID NO 7
LENGTH: 195
TYPE: PRT
ORGANIAM: homo sapiens
US-09-189-527-7
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Patent No. 6387639

GENERAL INFORMATION:

APPLICANT: Jerome B. Posner

APPLICANT: Jerome B. Posner

APPLICANT: Josep O. Dalmau

APPLICANT: Myrna R. Rosenfeld

TITLE OF INVENTION: Ma Family Polypeptides and Anti-Ma

TITLE OF INVENTION: Antibodies

FILE REFERENCE: SLK98-01

CURRENT APPLICATION NUMBER: US/09/189,527A

CURRENT FILING DATE: 1998-11-10

NUMBER OF SEQ ID NOS: 14

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 13
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US-09-189-527-7
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                                                                                                                                                                                                                                                                             Sequence 7, Application US/09189527A
PALENT NO. 6387639
GENERAL INFORMATION:
APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalmau
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: Ma Family, Polypeptides and
TITLE OF INVENTION: Antibodies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ouery Match 43.2%; Score 747.5; DB 3; Best Local Similarity 49.8%; Pred. No. 1.7e-73; Matches 153; Conservative 49; Mismatches 102;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 462
TYPE: PRT
ORGANISM: homo sapiens
09-189-527-13
Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                244 RDAQIKFLNTYQNPGEKLSAYVIRLEPLLQKVVEKGAIDKDNVNQARLEQVIAGANHSGA 303
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        184 TNEVLEEWOVSDVEKRRRLMESLRGPAADVIRILKSNNPAITTAECLKALEOVFGSVESS 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    121 DTNCSAPRVTISPEFWTWAQTLGAAVQPLLEQMLYRELRVFSGNTISIPGALAFDAWLEH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             126 QNPTPTPGPEMPAEMLNY; ILDNVIQPLVESIWYKRLTLFSGKGHPRAWRGNFDPWLEH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       KIAQVKLCKAYQEAGEKVSSFVLRLEPLLQRAVENNVVSRRNVNQTRLKRVLSGATLPDK 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              QDWCRGEHLNTRRCMLILGIPEDCGEDEFEETLQEACRHLGRYRVIGRMFRREENAQAIL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TTEMLOMWOVPEGEKRRIMECLRGPALOVVSGLRASNASITVEECLAALOOVFGPVESH
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25.5%; Score 441; DB 3; 46.4%; Pred. No. 3e-40;
                       Length 195;
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US-09-902-540-16701
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PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 16701
LENGTH: 551
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
CURRENT FILING DATE: 2001-07-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               y Match
6.4%; Score 110.5; DB 4;
Local Similarity 21.5%; Pred. No. 0.0056;
hes 71; Conservative 47; Mismatches 113;
348
                                                                                                                                                           237
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                                  295 IAGANHSGAIRRQLWLTGAGEGPGPKPLSV 324
                                                                                                                  236 VFGSVESSRDAQIKFLNTYQNPGEKLSAYVIRLEPLLQKVVEKGAIDKDNVNQARLEQV- 294
                                                                                                                                                                                               176 NFDPWLEHTNEVLEEWQVSDVEKRRRLMESLRGPAADVIRILKSNNPAITTAECLKALEQ 235
                                                                                                                                                                                                                                          187 LDAESVAWLEQALKEYKGTIVCITHDRYFLDNAAEWILE------LDRGEGVP--WKG
                                                                                                                                                                                                                                                                                                                                                            178 DPWLEHTNEVLEEW 191
                                                                                                                                                                                                                                                                                  136 MPAEML-----
                                                                                                                                                                                                                                                                                                                        127 DAVNGWELDRTIEMAMDALRLPPGDADVTKLSGGEKRRVALCRILLEKPDLLLLDEPTNH 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        122 ALGQEALSPATVPCISPELLAHLLGQAMAHAPQPLL-PMRYRKLRVFSGSAVPAPEEESP
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                                                                                                                                                                                                                                                                                                                                                                                                     81
                                                                                                                                                                                                                                                                                                                                                                                                                                           60 NAKAALLELTGAVDYAAIPREMPGKGGVWKVLFKPPTSDAEFLERLHLFLARE----- 112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             62 KAALLELTGAVDYAAIPREMPGKGGVWKVJEKKPPTSDAEFLERLHLFLAREGWTVQDVAR 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       62 NAVLLELLEDTDVSAIPSEVQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFR 121
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  VIGPNGAGKTTLFRMMTGV-EKPDEGELNI 376
                                                                                                                                                           NYSSWLEOKOKRLELEEKSESHROKTLKREL----EWVRASPKAROAKSKAR-IAAYEE
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                                                                            LLNQTQDKRDATGEVIIP---PGPQLGGLVVEAKGLRKAYGDRLLIEDLNFKLPRGGIVG
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RESULT 5 US-09-914-259-25

Sequence 25, Application US/09914259

895

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GENERAL INFORMATION:
APPLICANT: Makowski, Lee
APPLICANT: Hyman, Paul
APPLICANT: Hyman, Paul
APPLICANT: Hyman, Paul
APPLICANT: Hyman, Paul
APPLICANT: HYMAN, Mark
ITILE OF INVENTION: STAGED ASSEMBLY OF NANOSTRUCTURES
FILE REFERENCE: 8471-010-999
CURRENT APPLICATION NUMBER: US/09/914,259
CURRENT FILING DATE: 2000-11-21
NUMBER OF SEQ ID NOS: 180
SOFTMARE: FastSEQ for Windows Version 4.0
SOFTMARE: PAST
LENGTH: 935
TYPE: PAT
ORGANISM: Syncephalastrum racemosum
US-09-914-259-25
                                                                                                                                                                                                         Sequence 2, Application US/09368590

Sequence 2, Application US/09368590

; Patent No. 6187563
; GENERAL INFORMATION:
    APPLICANT: Boliment, Michole
    TITLE OF INVENTION: INTERACTING POLYPEPTIDES FOR
    TITLE OF INVENTION: AUTOMNTIGENS OF AUTOIMMUNE DISEASES
    FILE REFERENCE: 101918-200 (OCR-941)
; CURRENT APPLICATION NUMBER: US/09/368,590
    CURRENT APPLICATION NUMBER: 00/095,657
    EARLIER APPLICATION NUMBER: 60/095,657
    EARLIER APPLICATION NUMBER: 60/095,657
    PARLIER APPLICATION NUMBER: 00/095,657
    EARLIER APPLICATION NUMBER: 00/095,657
    EARLIER FILING DATE: 1998-08-07
    NUMBER OF SEQ ID NOS: 8
    SOFTWARE: FASTSEQ for Windows Version 3.0
    SEQ ID NO
    SEQ ID NO

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Best Local Similarity
Matches 69; Conserv
                                                                                                                                                      Query Match
                                                                                            Matches
                                                                                                                            Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                352 KSEAVTYQTYIAALEGEVNVWRTGGTVP------EGKWVTMDKVSKGDFA
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9 WCRGMDVNSQR-----TLLYWGIPVNCDE--AEIEETLQAAMPQVSXRMLGRMFWREEN
                                                                                            78; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          VLEEWQVSDVE----KRRKLMESTR---GPAADVIRILKSNNPAITT--AECLKALEQVF 237
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -TGAVDYAAIPREMPGKGGVWKVLFKPPTSDAEFLERLHLFLAREG-WTVQDVARVLGFQ 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             -SYESKENAIT--VDSLKEANQDLMAELEELKKNLSEMRQAHKDATDSDKEKRKAEKMAQ 549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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21.7%; Pred. No. 0.091;
                                                                                         5.8%; Score 100.5; DB 3; 22.6%; Pred. No. 0.76; ive [51; Mismatches 139;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          56; Mismatches
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US-09-949-016-7309
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SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 7309
LENGTH: 2600
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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION.
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Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
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PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
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                                                                      1234 AHIYOLFLR-DLROALVVLRNQEMALSGAELPGTVESVEEALKOHRD---
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                                                                                                                                                                                                   ED--YARIVAASEALLAADGAELGPGLALDEWLPHLELGWHKLLGLWEA----RREALVO
                                                                                                                                                                                                                                                                                                                                                                                -----FLERLHLFLAREGWTVQDVARVLGFQNPTPTPGPEMPAEMLNY-ILDNVIQPLV 153
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                                                                                                                                      S-----LRGPAADVIRILKSNNPAITTAECLKALEQVFGSVESSRDAQIKFLNTYQNPG 258
                                                                                                                                                                                                                                                                ESIWYKRL----TLFSGKGHPRAWRGNFDPWLEHT----NEVLEEWQVSDVEKRRRLME 204
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Pred. No. 1.2;
s0; Mismatches 140;
                   ---QKVVEKGAIDKDNVNQARLEQ 293
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US-09-902-540-16406
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US-09-489-039A-12764
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PRIOR PILING DATE: 199-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 12764
LENGTH: 288
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Matches
                                    SEQ ID NO 16406
TENGTH: 272
                                                                                                                                                                                                                                                                                             Patent No. 6833447
GENERAL INFORMATION:
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                                                                                                                                    APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
APPLICANT: Wiegand, Roger C.
APPLICANT: Wiegand, Myxococcus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38-10(15849)B:
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    -09-489-039A-12764
                                                                             PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
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                        TYPE: PF
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  ORGANISM: Myxococcus xanthus
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                                                                                                                                                                                                                                                                                                                                  16406, Application US/09902540
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24.5%: Pred. No. 0.053;
Live 51; Mismatches 1
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APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slatter, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Section Reference: 38-10(15849)B
FILE REFERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2000-07-10
PRIOR APPLICATION UNMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
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US-09-328-352-6016
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                                                                                                                                                                                                 GENERAL INFORMATION:
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SEQ ID NO 6016
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APPLICANT: GATY L. Breton et al.

APPLICANT: GIVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES

TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity
Matches 41; Conserv
                                                                                                                                                                                                                  Sequence 15988, Application US/09902540 Patent No. 6833447
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No. 6562951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6016, Application US/09328352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: GTC99-03PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Acinetobacter baumannii
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH: 573
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
mes 52; Conserva
                                                                                                                                                                                                                                                                                                                                    336 GPRLGNKVVEVENISKSFGDRLLYENLSFTVPPAAIVGIVGPNGAGKTTLFRMMTG 391
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                                                                                                                                                                                                                                                                                                                                                                        268 LEPLLOKVVEKGAIDKDNVNQARLEQV--
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               148 VIQPLVESIWYKRLTLFSGKGHPRAWRGNFDPWLEHTNEVLEEWQVSDVEKRRRLMESLR 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      204 LLLDEPTNHLDAESVSWLERFL-------KDFPGTIVAITHDRYFLDN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    74 YAAIPREMPGKGGVWKVLFKPPTSDAEFLERLHLFLAREGWTVQDVARVLGFQNPTPTPG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         21 LLVWGIPVNCDEAEIEETLQAAMPQVSYRMLGRMFWREENAKAAL-----LELTGAVD 73
                                                                                                                                                                                                                                                                                                                                                                                                             WVRQNAKGQQKKNKARMERFEELNSRE--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PEMPAEMLN-YILDNVIQPLVESIWYKRL 161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 QPTPPEDL---AALWRVQRRAPCTVA-----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 93.5; DB Pred. No. 0.46;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 4;
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                                                                                                 Sequences
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 272;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      EQUENCES RELATING TO ACINETOBACTER THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 573;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
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Gaps

335

294

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; ORGANISM: Myxococcus xanthus US-09-902-540-15988
                                                                                                                                                                   COUNTAIL
ZIP: 22040-0747
ZIP: 22040-0747
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk-
MEDIUM TYPE: Ploppy disk-
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC COMPATION SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1
CURRENT APPLICATION DATA:
"PRITCATION NUMBER: US/07/320,281C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2, Application Patent No. 5739026
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
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LENGTH: 2214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          -07-920-281C-2
             FILING DATE: 13-AUG-1992.
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUTPHY JT., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 828-103P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-241-1300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: DNA Expression Systems Based
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Birch, Str
STREET: P.O. Box 747
CITY: Palls Church
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              720 -GVAASLLARAASLASEPLPL 739
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     186 EVLEEWQVS-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       134 PEMPAEMLNYILDNVIQPL-VESIWYKRLTLFSGKGHPR-----AWRGNFDPWLEHTN 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    446 LAPRHAQATAALQRVL---------RTREDWAA--LAELLSTEAPHVAPAEA 486
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             76 AIPREMPGKGGVWKVLFKPPTSDAEFLERLHLFLAREGWTVQDVARVLGFQNP--TPTPG 133
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                                                                                                                                                                                                                                                                                                                                                                                  Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Liljestrom, Peter
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21.0%; Pred. No. 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2, Application US/08466277 Patent No. 6190666 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local (
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Local Similarity 19.6%; Pred. No. 6.4;
nes 74; Conservative 50; Mismatches 112;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX:
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                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,277
FILING DATE: 06-Jun-1995
                                                                                                                                                                                     ZIP: 22040-0747
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
               APPLICATION NUMBER: 07/920,281
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Garoff, Henrik
Liljestrom, Peter
TITLE OF INVENTION: DNA Expression Systems
                                                                                      PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                       STREET: P.O. Box 7
CITY: Falls Church
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  -----PLNVTGAD 1200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SVLDNVIPINRRLPHALVAEYKTVKGSRVEWLVNKVRGYHVLLVSEYNLALPRRRVTWLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  --LQKVVE------KGAIDKDNVNQARLEQVIAGANHSGAI--RRQLWLT 311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SAPKVSLYYENNHWDNRPGGRMYGFNAATAARLEARHTFLKGQWHTGKQAVIAERKIQPL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HPRAWRGNFDPWLEHTNEV-----LEEWQVSDVEKRRRLMESLRGPAADV-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GKMRTTNPCNKPIIIDTTG------QTKPKPGDIVLTCFRGWAKQLQLDYRGHEVMTA 916
                                                                                    CLASSIFICATION: <Unknown>
APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Birch, Stewart, STREET: P.O. Box 747
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                248345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2431 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Alphaviruses
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2
Gerald M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      --FGSVESSR-DAQIKFLNTYQNPGEKLSAYVIRLEPL 271
                                                                                                                                                                                                                                                                                                                                                                                                           Kolasch & Birch
                                                                                                                                                                                              Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Based
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                                                                                                                                                                                            #1.25
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213

1192

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215 543 487

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Matches

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US-09-688-842-2
; Sequence 2, Application US/09688842
; Patent No. 6770283
; GENERAL INFORMATION:
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MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO:
US-08-466-277-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches 74; Conservative 50; Mismatches 112;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 248345
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 2431 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Birch, Stew
STREET: P.O. Box 747
CITY: Falls Church
STATE: Virginia
COUNTRY: USA
ZIP: 22040-0747

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM, PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/688,842
FILING DATE: 17-Oct-2000
                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: DNA Expression Systems Based
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 828-103P
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Garoff, Henrik
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1013 NVCWAKSLVPVLDTAGIRLTAEEWSTIITAFKEDRAYSPVVALNEICTKYYGVDLDSGLF 1072
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            312 GAGEGPGPKPLSVAGAD 328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         272 -- LOKVVE-------KGAIDKDNVNQARLEQVIAGANHSGAI--RRQLWLT 311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        237
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 865 GKWRTTNPCNKPIIIDTTG------QTKPKPGDIVLTCFRGWAKQLQLDYRGHEVMTA 916
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             52 GRMFWREENAKAALLELTGAVDYAAIPREMPGKGGVWKVLFKPPTSDAEFLERLHLFL-- 109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -----PLNVTGAD 1200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SVLDNVIPINRRLPHALVAEYKTVKGSRVEWLVNKVRGYHVLLVSEYNLALPRRRVTWLS 1192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   -----ECLKALEQV------IRILKSNNPAITTA-----ECLKALEQV------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AASQGLTRKGVYAVRQKVNENPLYAP--ASEHVNVLLTRTEDRLV----WKTLA-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 -----GDPWIKVLSNIPQGNFTATLEEWQ----EEHDKIMKVIEGPAAPVDAFQNKA 1012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: 703-241-1300
TELEFAX: 703-241-2848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5.3%; Score 92.5; DB 3; Length 2431; 19.6%; Pred. No. 6.4;
                                                                                                                                                                                                                                                                                                                                                                       Alpha viruses
                                                                                                                                                                                                                                                                                                       Stewart, Kolasch & Birch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ----FGSVESSR-DAQIKFLNTYQNPGEKLSAYVIRLEPL 271
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                                                                                                                                                                                                               ; Sequeince; Patcent No. 595520.
; Patcent No. 595520.
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer; APPLICANT: Guegler, Karl J.
; APPLICANT: Corley, Neil C.
chah, Purvi Chand
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US-09-055-097-1
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                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/09055097
Patent No. 5955282
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 5.3%;
Best Local Similarity 19.6%;
Matches 74; Conservative 50
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INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                        TITLE OF INVENTION: HUMAN OXIDIZED LDL RECEPTOR NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                             APPLICANT:
                                                STREET: 3174 Port
CITY: Palo Alto
STATE: California
                             COUNTRY:
                                                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 82
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-241-1300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1193
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: protein SEQUENCE DESCRIPTION: SEQ ID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/466,277
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1013 NVCWAKSLVPVLDTAGIRLTAEEWSTIITAFKEDRAYSPVVALNEICTKYYGVDLDSGLF 1072
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        169 HPRAWRGNEDPWLEHTNEV-----LEEWQVSDVEKRRRIMESLRGPAADV------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   917 AASOGLTRKGVYAVROKVNENPLYAP--ASEHVNVLLTRTEDRLV----WKTLA-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          214 -----ECLKALEQV-----IRILKSNNPAITTA-----ECLKALEQV------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            110 -AREGWTVQDVARVLGFQNPTPTPGPEMPAEMLNYILDNVIQPLVESIWYKRLTLFSGKG 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         52 GRMFWREENAKAALLELTGAVDYAAIPREMPGKGGVWKVLFKPPTSDAEFLERLHLFL-- 109
         94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              -----PLNVTGAD 1200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SVLDNVIPINRRLPHALVAEYKTVKGSRVEWLVNKVRGYHVLLVSEYNLALPRRRVTWLS 1192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        -----GDPWIKVLSNIPQGNFTATLEEWQ----EEHDKIMKVIEGPÄÄPVDAFQNKA 1012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GKMRTTNPCNKPIIIDTTG------QTKPKPGDIVLTCFRGWAKQLQLDYRGHEVMTA 916
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 2431 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 703-241-2848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: <Unknown>
                                                                                            E: Incyte Pharmaceuticals, 3174 Porter Drive
                                                                                                                                                                                                               Patterson, Chandra
                               USA
                                                                                                                                                                                                                                                                                 Guegler, Karl J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       50;
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CLASSIFICATION:
CLASSIFICATION DATA:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Cerrone, Michael C.,
REGISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: PF-0490 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 378 amino acids
TYPE: amino acids
TYPE: amino acids
STRANDEDNESS: bingle
TOPOLOGY: linear
INMEDIATE SOURCE:
LIBRARY: DUODNOTO2
CLONE: 1705085
US-09-055-097-1
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Search completed: April 8, 2005, 12:52:53 
Job time: 27.272 secs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION UMMBER: US/09/055,097
FILING DATE: Filed Herewith
CLASSIFICATION:
                                                                                                                               217 LKSNNPAITTAECLK 231
                                                                                                                                                                              252 -----PHTW-GPFPPYASGTGYVLSASAVQLILKVASRAPLL-----PLEDVFVG 295
                                                                                                                                                                                                                        160 RLTLFSGKGHPRAWRGNFDPWLEHTNEVLEEWQVS---DVEKRRRLMESLRGPAADVIRI 216
                                                                                                                                                                                                                                                                   218 HSEEVPLLYLGRVHWRV------NPSRTPGGR------HRVSEEQW-- 251
                                                                                                                                                                                                                                                                                                               106 H-----LFLAREGWTVQDVARVLGFQNPTPTPGPEMPAEMLNYILDNVIQPLVESIWYK 159
                                                                                                                                                                                                                                                                                                                                                              158 LWWAEKHCPMARYVLKTDDDVYVNVPELVSELVLRGGRWGQWERSTEPQREAEQEGGQVL 217
                                                                                                                                                                                                                                                                                                                                                                                                                                                      101 RGLRVQTLFLLGEPNAQHP---VWGSQGSDLASESAAQGDILQAAF-QDSYRNLTLKTLSG
                                                                                         296 VSARRGGLAPTQCVK 310
                                                                                                                                                                                                                                                                                                                                                                                                       54 MEWREENAKAALLELTGAVD-YAAIPREMP-----GKGGVWKVLFKPP-TSDAEFLERL 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              11 RGMDV------NSQRTLLVW---GIPVNCDEAEIBETLQAAMPQVSYR-----MLGR 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 89; Indels 79;
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Result
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Maximum Match 1,00%
Listing first 45 s
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Database
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                               and is derived
                        1602
887.5
887.5
887.5
887.5
887.5
887.5
                                                                                                                                                                                                                                                                              Score
                                                                                                                                                                                                     1729
1666
1602
                                                                                                                                                                                                                                                                                                                                                                           is the number of results predicted by chance to have a ster than or equal to the score of the result being printed, rived by analysis of the total score distribution.
                                                                                                                                                                                                                                       100.0
                                                                                                                                                                                                                                                                                 Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1418010 seqs, 331997259 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-037-860-4
1729
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 April 8, 2005, 12:40:26 ; Search time 73.4975 Seconds (without alignments) 1486.133 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BLOSUM62
      GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                   / Cgn2_6/ptodata/1/pubpaa/USO6_EWE_PUB_pep:*
/ Cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/USO7_NEW PUB_pep:*
/ Cgn2_6/ptodata/1/pubpaa/USO7_NEW PUB_pep:*
/ Cgn2_6/ptodata/1/pubpaa/USO8_NEW PUB_DEP:*
/ Cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB_DEP:*
/ Cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/USO9A_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/USO9A_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/USO9A_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/USO9C_PUBCOMB.pep:*
                                                                                                                                                                                                                                                                                 Length DB / ID
        /ptodata/1/pubpaa/US07_PUBCOMB.pep:*/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
                                                                                                                                                                                  13 US-10-037-860-4
10 US-09-804-014A-40
9 US-09-965-529-7
10 US-09-969-680A-7
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    0 US-09-804-014A-16
0 US-09-969-680A-1
b US-10-341-434-10
US-09-804-014A-73
0 US-09-804-014A-74
3 US-10-037-860-13
6 US-10-408-765A-2385
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Sequence 4, Appli
Sequence 7, Appli
Sequence 7, Appli
Sequence 7, Appli
Sequence 19, Appli
Sequence 16, Appli
Sequence 16, Appli
Sequence 17, Appli
Sequence 18, Appli
Sequence 2385, Appli
                                                                                                                                                                                                                                                                              Description
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| | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 |
|---|--------|----------|----------|-------------------|--------------|---------|--------------|--------------|---------------|---------|---------------|----------------|---------------|----------------|-------------------|---------------|----------|--------|-------------------|-------------------|---------------------|---------------------|---------|---------------|---------------|------------|---------------|---------------|------------|-----------------|--------------|--------------------|
| | | | 98 | 9 | ٠ | _ | 103 | 103 | 0 | • | 106.5 | | 109 | 111 | 114 | | 115.5 | | 133 | 133 | 9 | • | 256.5 | 0 | N | 332 | 5 | 338.5 | | 441 | 564 | |
| | | ٠ | | | | | | 6.0 | • | • | • | | • | • | 6.6 | 6.6 | 6.7 | • | 7.7 | 7.7 | | | 14.8 | | | | | • | • | • | 32.6 | |
| | . 1276 | 1009 | 553 | 5245 | 1997 | 495 | 1855 | 935 | 935 | 556 | 503 | 526 | 531 | 558 | 558 | 588 | 555 | 5245 | 584 | 584 | 538 | 116 | 149 | 204 | 337 | 402 | 403 | 120 | 120 | 195 | 283 | 399 |
| | 14 | 15 | 15 | 14 | 16 | 15 | 16 | 15 | 14 | 15 | 9 | 15 | 5 | 15 | 15 | 15 | <u>н</u> | 14 | 15 | 15 | 16 | 9 | 13 | 14 | 15 | 17 | 15 | 10 | 10 | 13 | 13 | 15 |
| • | 0-156 | -10-607- | -10 - 28 | 29-079-1 | -10-408-7657 | -10-425 | -10-437-963- | -10-370-685- | -10-080-608A- | -10-282 | 09-738-626-54 | -10-282-122A-4 | -10-369-493-1 | -10-282-122A-6 | -10-282-122A-6515 | -282-122A-507 | -10-28 | -10-32 | US-10-221-278-355 | -10-29 | US-10-408-765A-2992 | US-09-864-761-34645 | -10-03 | -10-029-386-3 | -10-296-115-1 | -10-959-53 | -10-094-466-3 | -09-804-014A- | -09-804-01 | US-10-037-860-7 | -10-037-860- | US-10-094-749-1978 |
| | 105 | e 2, 7 | e 6291 | Sequence 11, Appl | e 1013 | e 509(| e 1449 | | 25, | e 5846 | 485, | equence 47973, | equence | e 66072, | equence | 5077 | 4964 | 45, | Sequence 355, App | Sequence 355, App | Sequence 2992, Ap | 3464 | e 9, Ap | е 33747, | 1208 | 26, | 38, | 42, | e 41 | e 7, | e 11 | Sequence 1978, Ap |

ALIGNMENTS

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US-10-037-860-4
                                                                                                                                                                                                                                                                                                                                                   US-10-037-860-4
                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 09/189,527
PRIOR FILING DATE: 1998-11-10
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 4
LENGTH: 329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:

APPLICANT: Jerome B. Posner

APPLICANT: Myrna R. Rosenfeld

TITLE OF INVENTION: MATHODIES

FILE REFERENCE: 2581 1004-004

CURRENT APPLICATION NUMBER: US/10/037,860

CURRENT FILING DATE: 2001-01-04

CURRENT FILING DATE: 2001-01-04
                                                                                                                                                                                                                                               Query Match 100.0%; Score 1729; DB 13; Best Local Similarity 100.0%; Pred. No. 1.9e-160; Matches 329; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 4, Application US/10037860 Publication No. US20020123114A1
                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 329
TYPE: PRT
ORGANISM: homo sapiens
121 RVLGFQNPTPTPGPEMPAEMLNYILDNVIQPLVESIWYKRLTLFSGKGHPRAWRGNFDPW 180
                                                                                                                                                                           1 MAMTLLEDWCRGMDVNSQRTLLVWGIPVNCDEAEIEETLQAAMPQVSYRMLGRMFWREEN
                                                                              AKAALLELTGAVDYAAIPREMPGKGGVWKVLFKPPTSDAEFLERLHLFLAREGWTVQDVA 120
                                                                                                                                                MAMTLLEDWCRGMDVNSQRTLLVWGIPVNCDEAEIEETLQAAMPQVSYRMLGRMFWREEN
                                                                                                                                                                                                                                                                                              Length
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APPLICANT: Spaderia, Steven.
APPLICANT: Majumder, Kumud
TITLE OF INVENTION: NOVel Polypeptides and Nucleic Acids Encorities of Invention: Novel Polypeptides and Nucleic Acids Encorities of Invention: 15966-721, US
FILE REFERENCE: 15966-721, US
CURRENT APPLICATION 'NUMBER: 60/4.84, 014A
CURRENT FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/188, 277
PRIOR APPLICATION NUMBER: 60/189, 139
PRIOR APPLICATION NUMBER: 60/189, 139
PRIOR APPLICATION NUMBER: 60/189, 140
PRIOR APPLICATION NUMBER: 60/189, 140
PRIOR APPLICATION NUMBER: 60/190, 401
PRIOR APPLICATION NUMBER: 60/190, 401
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/190, 401
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: 60/190, 231
PRIOR APPLICATION NUMBER: 60/190, 231
PRIOR FILING DATE: 2000-03-17
PRIOR PRIOR PRIOR DATE: 2000-03-17
PRIOR PRIOR FILING DATE: 2000-03-17
PRIOR PRIOR PRIOR DATE: 2000-03-17
PRIOR PRIOR DATE: 2000-03-17
PRIOR PRIOR PRIOR DATE: 2000-03-17
PRIOR PRIOR DATE: 2000-03-17
PRIOR PRIOR DATE: 2000-03-17
PRIOR PRIOR PRIOR DATE: 2000-03-10
PRIOR PRIOR PRIOR DATE: 2000-03-10
PRIOR PRIOR DATE: 2000-03-10
PRIOR PRIOR PRIOR DATE: 2000-03-10
PRIOR PRIO
                                                                                                                                                                                                                                                                                                                                                            ; NAME/KEY: VARIANT; LOCATION: (20)
; OTHER INFORMATION: Wherein Xaa is any amino acid as; OTHER INFORMATION: specification
US-09-804-014A-40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 2
US-09-804-014A-40
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APPLICANT: Padigaru, Muralidhai
APPLICANT: Vernet, Corine
APPLICANT: Fernandés, Elma
APPLICANT: Shimkets, Richard
APPLICANT: Spaderna, Steven
APPLICANT: Majumder, Kumud
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 40, Application US/09804014A Publication No. US20030064489A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 317; Conserv
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                                                                                   SGAIRRQLWLTGAGEGPGPKPLSVAGADP 329
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                            RVLGFQNPTPTPGPEMPAENLNYILDNVIQPLVESIWYKRLTLFSGKGHPRAWRGNFDPW
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RVLGFQNPTPTPGPEMPAEMLNYILDNVIQPLVESIWYKRLTLFSGKGHPRAWRGNFDPW
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                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                          96.4%; Score 1666; DB 10;
99.7%; Pred. No. 2.7e-154;
59.7%; Mismatches 1;
                                                                                                                                                                                                                                                                                                                 DB 10;
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                                                                                                                                                                                                                                                                                                               Length
                                                                                                                                                                                                                                                                                                                                                                                                            defined in
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APPLICANT: YUE, Henry
APPLICANT: TANG, Y. Tom
APPLICANT: BANDMAN, Olga
APPLICANT: BANDMAN, Olga
APPLICANT: BANDMAN, Olga
APPLICANT: BANDMAN, Olga
APPLICANT: AZIMZAI, Yalda
APPLICANT: LU, Dyung Aina M.
APPLICANT: LU, DYUNG AINA MEMBRANE ASSOCIATED PROTEINS
TITLE OF INVENTION NUMBER: US/09/965,529
CURRENT APPLICATION NUMBER: US/09/965,529
CURRENT ELING DATE: 1999-08-17; 1999-11-09; 2000-08-14
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL Program
SEQ ID NO 7
LENGTH: 353
TYPE: PRT
COEANIGM: Homo saniens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Homo sapiens
; PEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020182671A1 2483172CD1
US-09-965-529-7
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Best Local Similarity
Matches 308; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 7, Application US/09965529 Publication No. US20020182671A1
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                                                                                                                                                                                                                              LEHTNEVLEEWQVSDVEKRRRLMESLRGPAADVIRILKSNNPAITTAECLKALEQVFGSV
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                                                                                                                                                                                                                                                                                              RVLGFQNPTPTPGPEMPAEMLNYILDNVIQPLVESIWYKRLTLFSGRDIPGPGEETFDPW
                                                    SGAIRRQLWLTGAGEGPGP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 1602; DB 9;
Pred. No. 5.8e-148;
1; Mismatches 10;
                                                                  319
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APPLICANT: BURFORD, Neil; AZIMZAI, Yalda
APPLICANT: BUGHN, Mariah R.; LU, Dyung Aina M.
APPLICANT: PATTERSON, Chandra
TITLE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS
FILE REFERENCE: PF-0731-1 USA
CURRENT APPLICATION NUMBER: US/09/969,680A
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US00/22315
PRIOR APPLICATION NUMBER: 60/149,641
PRIOR APPLICATION NUMBER: 60/149,641
PRIOR APPLICATION NUMBER: 60/149,641
PRIOR FILING DATE: 1999-08-17
PRIOR FILING DATE: 1999-08-17
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                                                                                                                                                                                                              Sequence 39, Application US/09804014A Publication No. US20030064489A1
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Best Local Similarity
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                                                                                              APPLICANT: Li, Li
APPLICANT: Padiga
APPLICANT: Vernet
APPLICANT: Fernar
                                                                                                                                                                                    GENERAL INFORMATION:
              APPLICANT:
APPLICANT:
APPLICANT:
TITLE OF IN
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NUMBER OF SEQ ID NOS: '
SOFTWARE: PERL Program
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No. US20030124649A1 2483172CD1
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         AVT: Padigaru, Muralidhara
AVT: Vernet, Corine
AVT: Fernandes, Elma
AVT: Shimkets, Richard
AVT: Spaderna, Steven,
AVT: Majumdor, Kunud
DF INVENTION: Novel Polypeptides a
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96.6%; Pred. No. 5.86
:ive ____;1; Mismatches
              and Nucleic Acids Encoding
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5.8e-148;
hes 10;
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: LAL, Preeti
APPLICANT: TANG, Y. Tom
APPLICANT: TANG, Y. Tom
APPLICANT: BANDWAN, Olga
APPLICANT: BANDWAN, Olga
APPLICANT: AZIMZAI, Yalda
APPLICANT: BURFORD, Neil
APPLICANT: BURGHR, Mariah R.
APPLICANT: LU, Dyung Aina M.
APPLICANT: PATTERSON, Chandra
ITITLE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS
FILE REFERENCE: PF-0731 USA
CURRENT APPLICATION NUMBER: US/09/965,529
CURRENT APPLICATION NUMBER: 00/149,641; 60/164,203; PCT/US00/22315
PRIOR APPLICATION NUMBER: 00/149,641; 60/164,203; PCT/US00/22315
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US-09-965-529-1
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Publication No. US20020182671A1
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FILE REFERENCE: 15966-721 US
CURRENT APPLICATION NUMBER: US/09/804,014A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/188,316
PRIOR FILING DATE: 2000-03-10
PRIOR FILING DATE: 2000-03-10
PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR APPLICATION NUMBER: 60/189,140
PRIOR FILING DATE: 2000-03-14
PRIOR PILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR APPLICATION NUMBER: 60/190,231
PRIOR PRIOR DATE: 2000-03-17
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SOFTWARE: PatentIn Ver. 2
SEQ ID NO 39
LENGTH: 321
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Best Local Similarity 55.4%;
Matches 179; Conservative 53
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300
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                                                                                                   VFGVTDNPRELQVKYLTTYQKDEEKLSAYVLRLEPLLQKLVQRGAIERDAVNQARLDQVI
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t; Pred. No. 4.8e-78;
53; Mismatches 84
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APPLICANT: Spaderna, Steven
APPLICANT: Majunder, Kumud
APPLICANT: Majunder, Kumud
TITLE OF INVENTION: NOVel Polypeptides and Nucleic Aci
FILE REFERENCE: 15966-721 US
CURRENT APPLICATION NUMBER: US/09/804,014A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/188,316
PRIOR APPLICATION NUMBER: 60/188,277
PRIOR APPLICATION NUMBER: 60/189,277
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR FILING DATE: 2000-03-10,
PRIOR APPLICATION NUMBER: 60/189,140
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                                                 NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 16
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APPLICANT: Pad
APPLICANT: Ver
APPLICANT: Fer
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Best Local Similarity
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                                                                                                                    PRIOR APPLICATION NUMBER: 60/190,231
PRIOR FILING DATE: 2000-03-17:
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OTHER INFORMATION: Incyte ID No. US20020182671A1 112301CD1
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ORGANISM: Homo sapiens
FEATURE:
      ORGANISM: Homo sapiens
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55.4%; Pred. No. 5.5e-78;
vative 53; Mismatches 84
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US-09-969-680A-1
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; LENGTH: 351
; TYPE: PRT
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                             60 NAKAALLELTGAVDYAAIPREMPGKGGVWKVLFKPPTSDAEFLERLHLFLAREGWTVQDV 119
        NRKVALVGLTAETSHALVPKEIPGKGGIWRVIFKPPDPDNTFLSRLNEFLAGEGMTVGEL
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FEATURE:

OTHER INFORMATION: Incyte ID No. US20030124649A1 112301CD1
US-09-969-680A-1
                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/969,680A
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US00/22315
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/149,641
PRIOR APPLICATION NUMBER: 60/164,203
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/164,203
PRIOR FILING DATE: 1999-11-09
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL Program
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 179; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1, Application US/09969680A Publication No. US20030124649A1
                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: LAL, Preeti; YUE, Henry
APPLICANT: TANG, Y. Tom; BANDMAN, Olga
APPLICANT: BURFOND, Neil; AZIMZAI, Yalda
APPLICANT: BAUGHN, Mariah R.; LU, Dyung Aina M.
APPLICANT: PATTERSON, Chandra
TITLE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS
FILE REFERENCE: PF-0731-1 USA
                                                                                                                                                                                                                              ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              236 VFGSVESSRDAQIKFLNTYQNFGEKLSAYVIRLEFLLQKVVEKGAIDKDNVNQARLEQVI
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MTLRLLEDWCRGMDMNPRKALLIAGISQSCSVAEIEEALQAGLAPLGEYRLLGRMFRRDE
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                                                                        Score 887.5; DB 1
Pred. No. 5.5e-78;
53; Mismatches 84
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Pred. No. 5.5e-78;
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                                                                                                               DB 10;
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Sequence 10. Application US/10341434

Publication No. US20030215835Ai

GENERAL INFORMATION;
APPLICANT: OriGene Technologies

FILE REFERENCE: 9U 204 205 R1

CURRENT APPLICATION NUMBER: US/10/341,434

CURRENT FILING DATE: 2003-07,18

PRIOR APPLICATION NUMBER: US 60/348,164

PRIOR FILING DATE: 2002-01-15

PRIOR FILING DATE: 2002-01-15

PRIOR FILING DATE: 2002-01-15

VUMBER OF SEG ID NOS: 238

SOFTWARE: Patentin version 3.1

SEG ID NO 10

CORGANISM: Homo Bapiens
RESULT 10
US-09-804-014A-73
; Sequence 73, Application US/09804014A
; Publication No. US20030064489A1
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US-10-341-434-10
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55.4%; Pred. No. 5.5e-78;
vacive 53; Mismatches 84
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PRIOR FILING DATE: 2000-03-10
PRIOR PPLICATION NUMBER: 60/188,277
PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR PRIOR PRICING DATE: 2000-03-14
PRIOR PRILING DATE: 2000-03-14
PRIOR PRILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR PILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: 60/190,231
PRIOR PILING DATE: 2000-03-17
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US-09-804-014A-74
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                                                                                                                                                          Sequence 74, Application US/09804014A Publication No. US20030064489A1 GENERAL INFORMATION:
                                APPLICANT: Li, Li
APPLICANT: Padiga
APPLICANT: Vernet;
APPLICANT: Fernanc
APPLICANT: Shimket
APPLICANT: Spaderr
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APPLICANT: Padiga
APPLICANT: Vernet
APPLICANT: Fernan
APPLICANT: Shimke
APPLICANT: Spader
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APPLICANT: Majumder, Kumud
TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoding
FILE REFERENCE: 15966-721 US
CURRENT APPLICATION NUMBER: US/09/804,014A
CURRENT FILING DATE: 2002-04-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Homo sapiens
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                     Vernet, Cor....
Pernandes, Elma
Shimkets, Richard
Shimkets, Richard
Steven
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Shimkets, Richard
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          Spaderna,
Majumder,
                                                                                                                                                                                                                                                                                                      AGAVHK-TIRREL
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                                                                                                                   Padigaru,
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                                                                                                                      Muralidhara
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APPLICANT: Jerome B. Posner
APPLICANT: Myrna R. Rosenfeld
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: Ma FAMILY POLYPEPTIDES ANI
TITLE OF INVENTION: ANTIBODIES
FILE REFERENCE: 2581.1014-004.
CURRENT APPLICATION NUMBER: US/10/037,860
CURRENT FILLING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR FILLING DATE: 1998-11-10
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FASTSEQ for Windows Version 4.0
SEG ID NO 13
LENGTH: 463
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-804-014A-74
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Best Local S
Matches 175
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PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR FILING DATE: 2000-03-17
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NUMBER OF SEQ ID NOS: 75
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PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR FILING DATE: 2000-03-14
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PRIOR FILING DATE: 2000-03-10
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CURRENT FILING DATE: 2002-04-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AGANHSGAIRROL 308 ;
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APPLICANT: Gibson, Bradford W.
APPLICANT: Taylor, Steven W.
APPLICANT: Glenn, Gary M.
APPLICANT: Glenn, Gary M.
APPLICANT: Warnock, Dale E.
APPLICANT: Warnock, Dale E.
TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
TITLE OF INVENTION: LDENTIFIED IN THE MITOCHONDRIAL PROTEOME
FILE REFERENCE: 660088.465
CURRENT APPLICATION MUMBER US/10/408,765A
CURRENT FILING DATE: 2003-04-04
NUMBER OF SEQ ID NOS: 3077
SOFTWARE: FRASTSEQ for Windows Version 4.0
SEQ ID NO 2385
LENGTH: 452
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US-10-408-765A-2385
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US-10-408-765A-2385
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Best Local Similarity
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Best Local Similarity
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APPLICANT: Fahy, Eoin D.
APPLICANT: Zhang, Bing
APPLICANT: Gibson, Bradfo
                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
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125
                                                                                                                                                                                                                             143;
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                                                                                               60 NAKAALLELTGAVDYAAIPREMPGKGGVWKVLFKPPTSDAEFLERLHLFLAREGWTVQDV 119
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        MAMTLLEDWCRGMDVNSQRTLLVWGIPVNCDEAEIEETLQAAM - PQVSYRMLGRMFWREE

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                                  ARVLGFONPTPTPGPEMPAEMLNYILDNVIQPLVESIWYKRLTLFSGKGHPRAWRGNFDP 179
                                                                                                                                                  MALTILIEDWCKGMDMDPRKALLIVGIPMECSEVEIQDTVKAGLQPLCAYRVLGRMFRRED
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ARALGC----CSLPAESLDAEVMPQVRSPPLEPPKESMWYRKLKVFSGTASPSPGEBTFED
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                                                                                                                                                                                                                             Score 744; DB 16;
Pred. No. 9.1e-64;
4; Mismatches 100;
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                                                                                                                                                                                                                                 Indels
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CURRENT APPLICATION UNMBER: US/10/094,749
CURRENT FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 60/350,435
PRIOR FILING DATE: 2002-01-24
PRIOR FILING DATE: 2002-01-328381
PRIOR FILING DATE: 2001-09-14
PRIOR FILING DATE: 2001-09-14
PRIOR FILING DATE: 2001-09-14
SOFTWARE: PRECENTIN Ver. 2.1
SOFTWARE: PRECENTIN Ver. 2.1
SEQ ID NO 1978
LENGTH: 399
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US-10-094-749-1978
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; ORGANISM: Homo sapiens
US-10-094-749-1978
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Best Local S
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                                                                                                                                                                                                                                                                                                Matches 137;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: ISOGAI, TAKAO APPLICANT: SUGIYAMA, TON APPLICANT: OTSUKI, TETSU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: SEKI, NAOHIKO
APPLICANT: VOSHIKAWA, TSUTOMU,
APPLICANT: OTSUKA, MOTOYUKI :-
APPLICANT: NAGHARI, KENJI
APPLICANT: NASUHO, YASUHIKO :-
TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
FILE REFERENCE: 084335/0160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                 121 SVAGALG------VGLRRVCWLRSIGQAVQPWVEAVRCQSLGVFSGRDQPAPGEE 169
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                                                                 176
                                                                                                                               118
                                170
235 QVFGSVESSRDAQIKFLNTYQNPGEKLSAYVIRLEPLLQKVVEKGAIDKDNVNQARLEQV
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                                                                                                                                                                                 NAKAALLELTGAVDYAAIPREMPGKGGVWKVLFKPPTSDAEF--LERLHLFLAREGWTVQ 117
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                                                   NFDPWLEHTNEVLEEWQ-VSDVEKRRRLMESLRGPAADVIRILKSNNPAITTAECLKALE 234
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IRIE, RYOTARO
TAMECHIKA, ICHIRO
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40.9%; Pred. No. 1.1e-51;
tive 64; Mismatches 106;
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APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalmau
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: MA FAMILY POLYPEPTIDES ANI
TITLE OF INVENTION: ANTIBODIES
FILE REFERENCE: 2581.1004-004
CURRENT APPLICATION NUMBER: US/10/037,860
CURRENT FILING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR FILING DATE: 1998-11-10
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 283
TYPE: PRT
ORGANISM: homo sapiens
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US-10-037-860-11
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                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 117; Conserv
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                                                                  238
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                                                                                                  316 GPGPKPLSV
                                                                                                                                                          259 EKLSAYVIRLEPLLQKVVEKGAIDKDNVNQARLEQVIAGANHSGAIRRQLWL---TGAGE 315
                                                                                                                                                                                                        122 KRWLAESLRGPALDLMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKTYQEEG
                                                                                                                                                                                                                              199 RRRLMESLRGPAADVIRILKSNNPAITTAECLKALEQVFGSVESSRDAQIKFLNTYQNPG
                                                                                                                                                                                                                                                                                                           139 EMLNYILDNVIQPLVESIWYKRLTLFSGKGHPRAWRGNFDPWLEHTNEVLEEWQVSDVEK 198
                                                                                                                                                                                                                                                                                                                                           63 HLLGQAMAHAPQPLL-PMRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKEWPVTEAEK
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                2005, 13:35:12
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                                                                                                                                                                                                                                            258
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Listing first 45_3
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Copyright (c) 1993 - 2005 Compus
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      DB
3 US-09-189-527-7

US-09-189-527-1

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2 US-08-318-837-9

4 US-09-949-016-10853

4 US-09-920-248-796A-15917

4 US-09-92-140-000-5974

4 US-09-928-796A-16474

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4 US-09-181-24184

1 US-08-403-634-4

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   Sequence
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RESULT 2 US-09-189-527-13

Sequence 13, Application US/09189527A
Patent No. 6387639
GENERAL INFORMATION:
APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalmau
APPLICANT: Myrna R. Rosenfeld

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CURRENT APPLICATION NUMBER: US/09/189,527A
CURRENT FILING DATE: 1998-11-10
NUMBER OF SEQ"ID NOS: 14
SOFTWARE: FABESEQ for Windows Version 3.0
SEQ ID NO 4
LENGTH: 329
TYPE: PRT
ORGANISM: homo sapiens
US-09-189-527-4
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; TYPE: PRT
; ORGANISM: homo sapiens
US-09-189-527-13
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                                                                                                                                                                                                                                                                                               Query Match 44.3%; Score 441; DB 3; Best Local Similarity 46.4%; Pred. No. 9.2e-39; Matches 90; Conservative 37; Mismatches 61
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/09189527A
Patent No. 6387639
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/189,527A
CURRENT FILING DATE: 1998-11-10
NUMBER OF SEQ ID NOS: 14
SOPTWARE: FastSEQ for Windows-Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Ma Family Polypeptides and Anti-Ma TITLE OF INVENTION: Antibodies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalmau
APPLICANT: Myrna R. Rosenfeld
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Me Family Polypeptides and Anti-Ma
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    / Match 44.5%; Score 443.5; DB 3; Local Similarity 46.8%; Pred. No. 8.2e-39; nes 89; Conservative 34; Mismatches 64;
181 EVWLEQATEIVKEW 194
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             179
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        121 DTNCSAPRVTISPEFWT-WAQTLGAAVQPLLEQMLYRELRVFSGNTISIPGALAFDAWL 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            126 EALSPATVPCISPELLAHLIGQAMAHAPQPLL-PMRYRKLRVFSGSAVPAPEEESFEVWL 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             66 LELLEDTDVSAIPSEVQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFRALGQ 125
                                                                                                                                     62 KAALLELTGAVDYAAIPREMPGKGGVWKVLFKPPTSDAEFLERLHLFLAREGWTVQDVAR
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                                                                                                                                                            NAVLLELLEDTDVSAIPSEVQCKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFR 121
                                                                                                                                                                                                                  MILLEDWCRGMDVNSQRTLLVWGIPVNCDEAEIEETLQAAMPQVS-YRMLGRMFWREENA 61
                                                                                                                                                                                                                                                LALLEDWCRIMSVDEQKSIMVTGIPADFEEAEIQEVLQETLKSLGRYRLLGKIFRKQENA 61
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                                                       VLGFQ--NPTPTP--GPEMPAEMLNYILDNVIQPLVESIWYKRLTLFSGKGHPRAWRGNF 177
                                                                                            ALGQEALSPATVPCISPELLAHLLGQAMAHAPQPLL-PMRYRKLRVFSGSAVPAPEEESF 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SLK98-01
                                                                                                                                                                                                                                                                                                     61; Indels
                                                                                                                                                                                                                                                                                                                                          Length 329;
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RESULT 5
US-09-949-016-10853
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Patent No. 598127
                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                    Query Match
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/318,837
FILING DATE: 13-OCT-1994
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP 93/0102:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 92.401.231*3
FILING DATE: 30-APR-1992
ATTORNEY/AGENT INFORMATION:
NAMB: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19.683
REFERENCE/DOCKET NUMBER: 410.007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: FRANSEN, LUCIA; DEVOS, KATHLEEN; VAN DE VOORDE,
APPLICANT: ANDRE; VAN HEUVERSWYN, HUGO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (212) 661-80
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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ADDRESSEE: BIERMAN AND MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 600 THIR
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                       y Match
Local Similarity 27.1%; Pred. No. 0.55;
hes 45; Conservative 21; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH:
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                                                                                                                             155 PLLPMRY------RKLRVFSGSAVPAPEEESFEVWLEQATEIVK 192
                                                                                                                                                                                                            104 RINLFLEKEGQTVSGMFRALGQEALSPATVPCISPELLAHLLG------QAMAHAPQ 154
                                                                                                                                                                                                                                                         109 KPFRDSSGANIYLEKTGELRLLV-RDIRGEPGQVQCFSLEQGGLF--VEATPQQDIS--R 163
                                                                                   220 QQVSVIYLRVNRLHRQKSRVFQ----PAPEDSGH--WLGHVTTLLQ 259
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         amino acid
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                                                                                                                                                                      RTTGF---QYELMSGQ-RGLDLHVLSAPCRPCSDTEVLLAICTSDFVVRGFIEDVTHVPE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US/08318837
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                                                                                                                                                                                                                                                                                                                                              59;
                                                                                                                                                                                                                                                                                                                                                                                      Length 311;
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Sequence 10853, Application US/09949016 Patent No. 6812339

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NUMBER OF SEQ ID NOS: 490
SEQ ID NO 121
LENGTH: 520
TYPE: PRT
ORGANIZEM: Candida albicans
US-09-792-024-121
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US-09-792-024-121
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Best Local S
Matches 51
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PRIOR FILING DATE: 2000-10-20:
PRIOR PPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
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Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PastSEQ for Windows Version 4.0 SEQ ID NO 10853
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                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Bussey, Howard
TITLE OF INVENTION: Gene Disruption Methodologies for Drug
TITLE OF INVENTION: Targets Discovery
FILE REFERENCE: 10182-004-999:..
CURRENT APPLICATION NUMBER: US/09/792,024
CURRENT FILING DATE: 2001-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Roemer, Terry
APPLICANT: Jiang, Bo
APPLICANT: Boone, Charl
APPLICANT: Bussey, Howa
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CURRENT FILING DATE: 2000-04-14
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
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                                                                241 DYTTTRSVDLECS--ITGMIPPSSITRKIAEWVYANFSNVEEKSKRNVELELKFGKIIDK 298
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     121, Application US/09792024
o. 6783985
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      67
20 LMVTGIPADFEEAEIQEVLQETLKSLGR------YRLLGKIFRKQENANAVLL 66
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                                                                                                   DWCRIMSVDEQKSLMVTG-IP-----ADFEEAEIQEVLQETLKSLGRYRLLGKIFRK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 K--ESQKLHYVVTEVQG------PSITVEFSDCKASLQLPMEKAIETALDCLKSA 961
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LCVDNLQPDFLYDHIQPVRAELMQALWRTLRNPADSISHVAYRVLGKF----GGSNRKML
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Boone, Charles
                                                                                                                         0.5%; Score 84.5;
iilarity 23.1%; Pred. No. 2.:
Conservative 39: Min
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24.0%; Pred. No. 22;
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                                                                                                                                            Mismatches
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                                                                                                                                                                              DB 4;
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                                                                                                                                                                              Length 520;
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                                                                                                                                          Indels
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; ORGANISM: Candida albicans
US-09-248-796A-15917
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US-09-248-796A-15917
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PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 15917
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Keith We
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                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA:
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/074,725 PRIOR FILING DATE: 1998-02-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 527
                                                                                                                                                                                                                                                                                                                                       8.5%;
Local Similarity 23.1%;
es 51; Conservative
                                      153
                                                                                                                             113 GQTVSGM-----FRALGQEA------LSPATVPCISPELLAHLLGQAMAHA 152
                                                                                                                                                                                                                                                              248
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                                                                                                                                                                        306 R-SGNRIDLNVVTECIFTDHSSVFFDMQVEEVAWKEI-----TKFLDELEKSFQEGKK 357
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  407
                                                                                                                                                                                                                 58 QENANAVLLELLED --- TDVSAIPSEVQGKGGVWKVIFKTPNQDTEFLERLNLFLE--KE 112
                                                                                                                                                                                                                                                                                                          7 DWCRIMSVDEQKSLMVTG-IP-----ADFEEAEIQEVLQETLKSLGRYRLLGKIFRK 57
PGSLF-----DLRLSMSLEIPVPQGNIESIITKNKPEMVRE
                                      POPLLPMRYKKLRVFSGSAVPAPEEESFEVWLEQATEIVKE 193
                                                                                    GRKFKTLESDNTDSFYQLGRKGEHPKRIRVTKDNLLSPPRLVAIQKERVADL--
                                                                                                                                                                                                                                                              DYTTTRSVDLECS--ITGMIPPSSITRKIAEWVYANFSNVEEKSKRNVELELKFGKIIDK 305
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           POPILIPMRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKE 193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GRKFKTLESDNTDSFYQLGRKGEHPKRIRVTKDNLLSPPRLVAIQKERVADL----YIHN 406
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             R-SGNRIDLNVVTECIFTDHSSVFFDMQVEEVAWKEI-----TKFLDELEKSFQEGKK 350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PGSLF-----DLRLSMSLEIPVPQGNIESIITKNKPEMVRE 442
                                                                                                                                                                                                                                                                                                                                                     39;
                                                                                                                                                                                                                                                                                                                                                Score 84.5; DB Pred. No. 2.5; 39; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                              DB 4;
                                                                                                                                                                                                                                                                                                                                                     78;
                                                                                                                                                                                                                                                                                                                                                                                           Length 527;
                                                                                                                                                                                                                                                                                                                                                   Indels 53;
                                                                                                                                                                                                                                                                                                                                                     Gaps
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US-09-902-540-13545
; Sequence 13545, Application US/09902540
; Patent No. 6833447
; GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myscoccus xanthus Genome Sequences and Uses
FILE REFERENCE: 38-10(15849)B
; CURRENT APPLICATION NUMBER: US/09/902,540
; CURRENT APPLICATION NUMBER: 60/217,883
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
; LENGTH: 612
TYPE: PRT
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RESULT 8

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APPLICANT: Lynn Dougette-Stamm et al ITILE OF INVENTION: NUCLEIC ACID AND AMINO ACITITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR FILE REFERNCE: 032796-032
CURRENT APPLICATION NUMBER: US/99/134,000C
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/055,778
PRIOR APPLICATION NUMBER: US 60/055,778
PRIOR FILING DATE: 1997-08-15
NUMBER OF SEQ ID NOS: 6812
SOFTWARE: Patentin version 3.1
SEQ ID NO 5974
LENGTH: 547
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US-09-902-540-13545
                                                                                     US-09-248-796A-16474
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     JS-09-134-000C-5974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 5974, App. Patent No. 6617156
GENERAL INFORMATION:
APPLICANT: Keith Weinstock et
TITLE OF INVENTION: NUCLEIC AC
                                                   Sequence 16474, Application Patent No. 6747137
                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local 9
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ORGANISM: Enterococcus faecalis
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
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                                                                                                                                                                                          148 AMAHAPOPLLPMRYRKLRVF 167
                                                                                                                                                                                                                                                              103
                                                                                                                                                                                                                                                                                              370 KLKNQNKSILIFQSKKNDHLMILQNLABRLQQALPITIRFALGNAYENLEDLPNSYIEAS 429
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                                                                                                                                                                                                                                                                                                                              49 RLIGK-----IFRKQENANAVLLELLEDTDVSAIPSEVQ-GKGGVWKVIFKTPNQDTEFL
                                                                                                                                                                                                                                                                                                                                                                                                                                 44;
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                                                                                                                                                                                                                                                          ERLINLFLEKEGQTVSGMFRALGQEALSPATVPCISPELLAHL---LG------Q
                                                                                                                                                         BLAYPTEPTLQELRKTLKVF
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                                                                     US/09248796A
   et al
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                                                                                                                                                                                                                   ---- HAQKPATVQLFHPKGLAGLFEKIGTEDVEYFCQQQLK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 82.5;
Pred. No. 4.
                                                                                                                                                           493
     AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 4; Length 547;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             64;
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; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 16474
; LENGTH: 285
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 7656, Application US/09328352
Patent No. 6562958
GENERAL INFORMATION:
APPLICANT: Gary L. Breton et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
TITLE OF INVENTION: BUNANNII FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC99-03PA
                                                                                                                                                                                                                                  Query Match 8.3
Best Local Similarity 25.3
Matches 36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS:
SEQ ID NO 7656
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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Best Local Similarity 21.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                     ORGANISM: Acinetobacter baumannii
                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 580
                                                                            304
                                                                                                                                                        248
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                                                                                                                 76 AIPSEVQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGM-----FRALGQE 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    74 VSAIPSEVQGKGGVWKVIFKTPNQD-----TEFLERLNLFL-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       26 PADFEEAEIQEVLQ--ETLKSL-GRY-----RLIGKIFRKQENANAVLLELLEDTD 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            51,
  GSGKTTVGLLLMRLHQASGGQAL 386
                                                                            EIPERKRGLNGDEQIILEVKDLKKSFYSRKGLFGKEEFQAVKGVSFKLAKGKTLGLVGES 363
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EVW 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATVPCISPELLAHLLGQAMAHAPQPLLPMRYRKLRV------FSGSAVPAPEEESF 180
                                     ALSPATVPCISPELLAHLLGQAM 149
                                                                                                                                                        EQGTAEQVLEQPKDVYTRALLYCRPQMSQRPYRLPVTSDFMRQE -- NNILVE -- QSFDVS
                                                                                                                                                                                             EEAEIQEVLQETLKSLGR------YRL-LGKIFRKQENANAVLLELLEDTDVS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               VNADPSKIAS----YQVFEDAAKADCAPSYALQFGSDLTTFVTQAEMYLMAPLLDQGYYV 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                                                  8.2%; Score 81.5; I
25.2%; Pred. No. 6.1;
tive 22; Mismatches
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Pred. No. 2.1;
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                                                                                                                                                                                                                                                                           Length 580;
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                                                                                                                                                                                                                                      27;
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                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                          303
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PRIOR FILING DATE: 1999-02-18

PRIOR PELING DATE: 1999-02-18

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1998-02-18:

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 31474

LENGTH: 136

TYPE: PDT
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                                                                                                                                                    ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-31474
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-252-991A-31474
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: PRT ; ORGANISM: Myxococcus xanthus; US-09-902-540-9777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 12
US-09-902-540-9777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
APPLICANTON: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38-10 (15849))
CURRENT APPLICATION UNMBER: US(79/902,540)
CURRENT FILING DATE: 2001-07-10
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION UNMBER: OF SEQ ID NOS: 16825

REGOTH: 1442

LENGTH: 1442
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 31474, Application US/09252991A Patent No. 6551795
GENERAL INFORMATION:
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GENERAL INFORMATION:
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Best Local (
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                                                                       Matches
                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18:
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                        Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 671 LALRKRFCRSFDFELQAAATEDGILLSLGEQHSFPLAEIFDFLHPDHVEEVLVQAVLQAP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        834 PSLFAH----AMIHS-OPYTFLDDAPAEERRVRNVALRRAMPAEDVTAF 877
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  42 L-----KSLGRYRLLG--KIFRKQENANAVLLELLEDTDVSAIPSEV-----QGK 84
17 QKSLMVTGIP-----ADPEEAEIQEVLQETLKSLGRYRLLGKIFRKQENANAVLLELLED
                                                                       41;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        56; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PELLAHLLGQAMAHAPQPL----LPMRYRKLR-VFSGSAVPAPEEESF 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GDL----ELPDHPLVTQTMDD----CLREAMDVDGLREVLRGMRDGRIRLLARDVP--E
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/09902540
                                                                       Conservative
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                                                              8.1%; Score 80.5; DB 4;
21.6%; Pred. No. 0.92;
tive 24; Mismatches 48;
                                                                       48;
                                                                                                               Length 136;
                                                                          Indels
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                                                                                                                           Best Loc
Matches
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                                                                                                                                            Query Match
Best Local
                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                         TYPE: amino acids
TOPOLOGY: line
WOLECITY
                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/016,774
FILING DATE: 7-MAY-1996
ATTORNEY/AGENT INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Force, Thomas
APPLICANT: Kyriakis, John M.
APPLICANT: Pombo, Celia M.
                                                                                                                                                                                                                                                                                                                                       TELEPHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ for CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bonventre, Joseph
TITLE OF INVENTION: SOK-1 AND METHODS OF USE
NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                         MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                    NAME: Fraser, Janis K.
REGISTRATION NUMBER: 34
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/852,743
FILING DATE: 7-MAY-1997
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          132 TVPCISPELLAHLLGQAMAHAPQPLLPMRYRKLRVF---
 124 DIKAGNILL--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            84 TV-----
                                57 KQENANAVLLELLEDTDVSAIPSEVQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTV 116
                                                                73 LWIVMEYCGAGSVSDIIRLRNKTL-----TEDEIATILQSTLKGLEYLHFMRKIHR
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                                                                                           2 LALLEDWCRIMSVDE-----OKSLMVTGIPADFEEAEIQEVLQETLKSLGRYRLLGKIFR 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          9 QHHIFRTGVKRMSKLAEFREAE---
                                                                                                                                            Similarity
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MA
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for Windows Version
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                                                                                                                                                                                                                                                                                      5
                                                                                                                              26;
                                                                                                                           Score 80.5; DE
Pred. No. 2.5;
26; Mismatches
                                                                                                                                                                                                                                                                                                                                                                       00786/327001
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-NTEGHAKLADFGVAGQLTDTMAKRN-----TV
                                                                                                                                                             BG
                                                                                                                              85;
                                                                                                                                                         Length 270;
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                                                                                                                              Indels 45;
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US-09-185-370-5
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                                                                                                                                                                                                                                                                        Query Match 8.1%; Score 80.5; DB 3; Length 270; Best Local Similarity 22.0%; Pred. No. 2.5; Matches 44; Conservative 26; Mismatches 85; Indels 49
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                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Force, Thomas
APPLICANT: Kyriakis, John M.
APPLICANT: Pombo, Celia M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: (
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Fraser, Janis K. REGISTRATION NUMBER: 34 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/185,370 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Boston
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   UDDRESSEE: Flen a Notreet
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TLE OF INVENTION: SOK-1 AND METHODS OF USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    174 APEEESPEVWLEQATEIVKE 193
174 APEEESFEVWLEQATEIVKE 193
                                                        160 IGTPFWMAPEVIQEIGYNCVADIWSLGITAIEMAEGKRPYADIHPMR----AIFMIPTNP 215
                                                                                           117
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 117 SGMFRALGQEALSPATVFCISPELLAHLLGQAMAHAPQP---LLPMRYRKLRVFSGSAVP 173
                                                                                                                              124 DIKAGNILL-----
                                                                                                                                                           57 KQENANAVILELLEDTDVSAIPSEVQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTV 116
                                                                                                                                                                                                      73
                                                                                                                                                                                                                                 2 LALLEDWCRIMSVDE-----QKSLMVTGIPADFEEABIQEVLQETLKSLGRYRLLGKIFR 56
                                                                                         SGMFRALGQEALSPATVPCISPELLAHLLGQAMAHAPQP---LLPMRYRKLRVFSGSAVP 173
                                                                                                                                                                                                    LMIVMEYCGAGSVSDIRURKTL-----TEDEIATILQSTLKGLEYLHFMRKIHR 123
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                                                                                                                                                                                                                                                                                                                                                                                                                             270 amino acids .
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                                                                                                                              ------NTEGHAKLADFGVAGOLTDTMAKRN-----TV 159
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                                                                                                                                                                                                                                                                             Indels 45;
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216 PPTFRKPELWSDNFTDFVKQ 235

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Search completed: April 8, 2005, 12:52:55 Job time: 16.9789 secs

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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Run on:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence:
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                                                                                                                                            pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-037-860-7
996
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                              m2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*
m2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
m2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
m2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
m2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
m2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
m2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
m2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
m2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NEW PUB.pep: *
5 PUBCOMB.pep: *
7 NEW PUB.pep: *
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| No. t | Score | Query Match | Length | SUMMARIES DB ID | Description |
|-------|-------|----------------|--------|------------------------|-------------------|
| ٦ | 996 | 100.0 | 195 | 13 Y. US-10-037-860-7 | Sequence 7, Appli |
| N | 604 | 60.6 | 120 | 16 US-09-804-014A-42 | :- |
| w | 593 | 59.5 | 283 | 131, US-10-037-860-11 | Sequence 11, Appl |
| 4 | 466 | 46.8 | 353 | 9 US-09-965-529-7 | Sequence 7, Appli |
| ຫ | 466 | 46.8 | .353 | 101/10S-09-969-680A-7 | Sequence 7, Appli |
| σ | 462.5 | 46.4 | 463 | 13: US-10-037-860-13 | Sequence 13, Appl |
| 7 | 441 | 44.3 | 329 | 13 US-10-037-860-4 | Sequence 4, Appli |
| 8 | 440 | 44.2 | 318 | 10 US-09-804-014A-40 | Sequence 40, Appl |
| 9 | 436 | 43.8 | 312 | 10 . US-09-804-014A-73 | Sequence 73, Appl |
| 10 | 436 | 43.8 | 312 | 10 US-09-804-014A-74 | Sequence 74, Appl |
| 11 | 436 | 43.8 | 321 | 10 '/US-09-804-014A-39 | Sequence 39, Appl |
| 12 | 436 | 43.8 | 351 | 9 US-09-965-529-1 | Sequence 1, Appli |
| 13 | 436 | 43.8 | 351 | 10; US-09-804-014A-16 | Sequence 16, Appl |
| | | | | | |

| Sequence 199553, | US-10-437-963-199553 | 16 | 547 | ٠ | 82 | 4 U |
|-------------------|----------------------|----|-------|--------|-------|---------------|
| e 5551 | US-10-425- | 15 | 408 | 8 2 | 82 | 44 |
| Sequence 206, App | US-09-764 | 9 | 492 | 8.4 | 83.5 | 43 |
| Sequence 10432, | us-10-156- | 14 | 3613 | 8.4 | 84 | 42 |
| Sequence 5, Appl. | US-10-005 | 14 | 1642 | 8.4 | 84 | 41 |
| Sequence 5, Appli | US-10-090- | 13 | 1642 | 8.4 | 84 | 40 |
| Sequence 2, Appl: | US-10-090- | 13 | 1638 | 8.4 | 84 | 39 |
| Sequence 17, Appl | US-09-745-763-17 | 9 | 336 | 8.4 | 84 | 38 |
| e 703 | US-10-032- | 14 | 520 | ٠ | ٠ | 37 |
| Sequence 2, Appli | c | 9 | 520 | | ٠. | 36 |
| 17903 | US-10-369-4 | 15 | 407 | ٠ | 85.5 | S |
| 49912, | US-10-282-12 | 15 | 1084 | • | 86 | 34 |
| 7202 | US-10-369-493-7202 | 15 | 1083 | | 86 | ü |
| e 4443, | | 15 | 1083 | | 96 | 32 |
| 354, 1 | US-10 | 16 | 3859 | | 87.5 | 31 |
| 11 | US-10-295-027-1 | 15 | 1357 | 8.8 | 87.5 | 30 |
| 1, Ap | US-09-727-10 | 10 | 311 | | 7. | 29 |
| 21 | US-10-087-192- | 13 | 255 | | 87.5 | 28 |
| 20 | US-10-001-857 | 13 | 342 | ٠ | 89 | 27 |
| e 12 | US-10-296-115- | 15 | 337 | ٠ | 92.5 | 26 |
| 26, | US-10 | 17 | 402 | | 97.5 | 25 |
| Sequence 38, Appl | US-10-094- | 15 | 403 | 10.0 | 99.5 | 24 |
| 355, | US-10-221- | 15 | 584 | Ü | 137.5 | 23 |
| 355, | US-10-291-17 | 15 | 584 | Ψ | 137.5 | 22 |
| e 2992, | US-10-408- | 16 | 538 | 14.7 | 146 | 21 |
| 3464 | US-09-864-761-34645 | 9 | 116 | .7 | 270 | 20 |
| Seguence 41, Appl | US-09 | 10 | . 120 | 0 | 306 | 19 |
| 337 | US-10-029-386-33747. | 14 | 204 | 32.9 | 327.5 | 18 |
| _ | US-10-094- | 15 | 399 | ٠. | 345 | 17 |
| e 23 | | 16 | 452 | ω. | 434 | 16 |
| ç | US-10-341-434-1 | 15 | 351 | ü | ω | 15 |
| 1 | 05-09-969-6 | 1 | 707 | 43.8 | 430 | 14 |

ALIGNMENTS

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                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 7, Application US/10037860 Publication No. US20020123114A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: MA FAMILY POLYPEPTIDES AND ANTI-MA TITLE OF INVENTION: ANTI-BODIES FILE REFERENCE: 2581.1004-004 CURRENT APPLICATION NUMBER: US/10/037,860 CURRENT FILING DATE: 2001-01-04 PRIOR APPLICATION NUMBER: 09/189,527 PRIOR FILING DATE: 1998-11-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalmau
APPLICANT: Myrna R. Rosenfeld
                                                                                                                                                                                                                                                                                                                                                                LENGTH: 195
TYPE: PRT
ORGANISM: homo sapiens
121 RALGQEALSPATVPCISPELLAHLLGQAMAHAPQPLLPMRYRKLRVFSGSAVPAPEEESF 180
                                                                                61 ANAVILEILEDTDVSAIPSEVOGKGGVWKVIFKTPNODTEFLERLINLFLEKBGQTVSGMF 120
                                                 61 ANAVLLELLEDTDVSAIPSEVQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMF 120
                                                                                                                                                 1 PLALLEDWCRIMSVDEQKSLMVTGIPADFEEAEIQEVLQETLKSLGRYRLLGKIFRKQEN
                                                                                                                                                                             1 PLALLEDWCRIMSVDEQKSLMVTGIPADFEBAEIQEVLQETLKSLGRYRLLGKIFRKQEN 60
                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                          Length 195;
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Sequence 11, Application US/10037860
Publication No. US20020123114A1.
GENERAL INFORMATION:
APPLICANT: Jerome B. Posner
APPLICANT: JOSEP O. Dalmau
APPLICANT: MYTHA R. ROSENFELL,
TITLE OF INVENTION: MA FAMILY POLYPEPTIDES AND TITLE OF INVENTION: ANTIBODIES
FILE REFERENCE: 2581.1004-004
CURRENT APPLICATION NUMBER: US/10/037,860
CURRENT FILING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR FILING DATE: 1998-11-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoding Same
FILE REFERENCE: 15966-721 US
CURRENT APPLICATION UNMBER: US/09/804,014A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/188,316
PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/188,277
PRIOR APPLICATION NUMBER: 60/189,277
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR FILING DATE: 2000-03-10
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/189,140
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR PILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR PILING DATE: 2000-03-17
PRIOR PILING DATE: 2000-03-17
PRIOR PILING DATE: 2000-03-17
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US-10-037-860-11
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; ORGANISM: Homo sapiens
US-09-804-014A-42
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches 120; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 60.6%; Score 604; DB 10; Length 120; Best Local Similarity 100.0%; Pred. No. 7.5e-53;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 42, Application US/09804014A Publication No. US20030064489A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/190,231
PRIOR FILING DATE: 2000-03-17 G
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Vernet, Corine APPLICANT: Fernandes, Elma APPLICANT: Shimkets, Richard APPLICANT: Spaderna, Steven APPLICANT: Majunder, Kumud
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      121
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                61 NAVLLELLEDTDVSAIPSEVQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFR 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             62 NAVLLELLEDTDVSAIPSEVQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFR 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 LALLEDWCRIMSVDEQKGLMVTGIPADFEEAEIQEVLQETLKSLGRYRLLGKIFRKQENA
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APPLICANT: LU, Dyung Aina M.

APPLICANT: PATTERSON, Chandra

ITITLE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS

FILE REFERENCE: PP-0731 USA

CURRENT APPLICATION NUMBER: US/09/965,529

CURRENT FILING DATE: 1999-08

PRIOR FILING DATE: 1999-08-17; 1999-11-09; 2000-08-14

NUMBER OF SEQ ID NOS: 74

SOFTWARE: PERL Program

SEQ ID NO 7

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APPLICANT: LAL, Preeti
APPLICANT: YUE, Henry
APPLICANT: TANG, Y. Tom
APPLICANT: BANDMAN, Olga
APPLICANT: BURFORD, Neil
APPLICANT: AZIMZAI, Yalda
APPLICANT: BUGHON, Mariah R
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US-09-965-529-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 7, Application US/0996529
Publication No. US20020182671A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity
Matches 113; Conserv
                                                                                                                                                                                                                                                                                                  Query Match 46.8%;
Best Local Similarity 47.9%;
Matches 93; Conservative 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 353
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No. US20020182671A1 2483172CD1
178 DPWLEHTNEVLEEW 191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           141 LAHLIGQAMAHAPQPLLPMRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKEWP 195
                                                                                                              122 ALGQEALSPATVPCISPELLAHLLGQAMAHAPQPLL-PMRYRKLRVFSGSAVPAPEEESF 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   81 VQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFRALGQEALSPATVPCISPEL 140
                                                                                                                                                      62
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                                                                                                                                                                                      62 NAVILELLEDTDVSAIPSEVQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFR 121
                                                                                                                                                                                                                                                    VLGFQ--NPTPTP--GPEMPAEMLNYILDNVIQPLVESIWYKRLTLFSGRDIPGPGEETF 177
                                                                                                                                                    KAALLELTGAVDYAAIPREMPGKGGVWKVLFKPPTSDAEFLERLHLFLAREGWTVQDVAR 121
                                  EVWLEQATEIVKEW 194
                                                                                                                                                                                                                          MTLLEDWCRGMDVNSQRALLVWGIPVNCDEAEIEETLQAAMPQVS-YRMLGRMFWREENA 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LAHLIGOAMAHAPOPILPMRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKEWP 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               VQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFRALGQEGVSPATVPCISPEL
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98.3%;
                                                                                                                                                                                                                                                                                                    ; Score 466; DB 9;
; Pred. No. 2.9e-38;
38; Mismatches 57

    Mismatches

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Pred. No. 3.3e-51;
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RESULT

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APPLICANT: TANG, Y. Tom; BANDMAN, Olga
APPLICANT: BURFORD, Neil; AZIMZAI, Yalda
APPLICANT: BURFORD, MARIAR R.; IU, Dyung Aina M.
APPLICANT: BAUGHN, MARIAR R.; IU, Dyung Aina M.
APPLICANT: PATTERSON, Chandra
TITLE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS
FILE REFERENCE: PF-0731-1 USA
CURRENT APPLICATION NUMBER: US/09/969,680A
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US00/22315
PRIOR APPLICATION NUMBER: US00/2315
PRIOR APPLICATION NUMBER: 60/149,641
PRIOR FILING DATE: 2000-08-14
PRIOR FILING DATE: 1999-08-17
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                                                                                                                                           APPLICANT: Jerome B. Posner
APPLICANT: JOSEP O. Dalmau
APPLICANT: MYDNA R. ROSENFEID
TITLE OF INVENTION: MA FAMILY POLYPEPTIDES AND THE REFERENCE: 2581.1004-004
CURRENT APPLICATION NUMBER: U$/10/037,860
CURRENT ETLING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR FILING DATE: 1998-11-10
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PRIOR FILING DATE: 1999-11-09
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL Program
SEQ ID NO 7
                                                                              NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION
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ORGANISM: homo mapiens
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TYPE: PRT
ORGANISM: Homo sapiens
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NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No. US20030124649A1 2483172CD1
                                                            LENGTH: 463
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Sequence 4, Application US/10037860

Publication No. US20020123114A1

GENERAL INFORMATION:
APPLICANT: Jerome B. Posner
APPLICANT: Jerome B. Posner
APPLICANT: Myrna R. Rosenfeld
ITILE OF INVENTION: MA FAMILY POLYPEPTIDES AND ANTI-MA
TITLE OF INVENTION: ANTIBODIES
FILE REFERENCE: 2581.1004-004
CURRENT APPLICATION NUMBER: US/10/037,860
CURRENT FILING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR TILING DATE: 1998-11-10
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
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Matches
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LENGTH: 329
TYPE: PRT
ORGANISM: homo sapiens
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Best Local (
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178 DPWLEHTNEVLEEW
                                      181 EVWLEQATEIVKEW 194
                                                                                 122 VLGFQ--NPTPTP--GPEMPAEMLNYILDNVIQPLVESIWYKRLTLFSGKGHPRAWRGNF
                                                                                                                    122 ALGQEALSPATVPCISPELLAHLLGQAMAHAPQPLL-PMRYRKLRVFSGSAVPAPEEESF 180
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                                                                                                                                                                                       62 NAVLLELLEDTDVSAIPSEVQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFR 121
                                                                                                                                                               62 KAALLELTGAVDYAAIPREMPGKGGVWKVLFKPPTSDAEFLERLHLFLAREGWTVQDVAR 121
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                                                                                                                                                                                                                                               3 MTLLEDWCRGMDVNSQRTLLVWGIPVNCDEAEIEETLQAAMPQVS-YRMLGRMFWRBENA 61
                                                                                                                                                                                                                                                                                                                                 90;
                                                                                                                                                                                                                                                                                      2 LALLEDWCRIMSVDEQKSLMVTGIPADFEEAEIQEVLQETLKSLGRYRLLGKIFRKQENA 61
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nilarity 47.7%;
Conservative 3
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                                                                                                                                                                                                                                                                                                                               44.3%; Score 441; DB 13;
46.4%; Pred. No. 8.9e-36;
tive 37; Mismatches 61;
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Pred. No. 9.7e-38;
4; Mismatches 65
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US-09-804-014A-40

Sequence 40, Application US/09804014A Publication No. US20030064489A1 GENERAL INFORMATION:
APPLICANT: Li, Li
APPLICANT: Padigaru, Muralidhara

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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
APPLICANT:
APPLICANT: Spaderna, Steven in APPLICANT: Majumder, Kumud 'TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoding Same FILE REFERENCE: 15966-721 US 15
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PRIOR FILING DATE: 2000-03-14:
PRIOR APPLICATION NUMBER: 60/189,140
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR FILING DATE: 2000-03-17
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APPLICANT: Shimkets, Richard /
APPLICANT: Spaderna, Steven ...
APPLICANT: Majunder, Kumud
TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoding
FILB REFERENCE: 15966-721 US.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 75
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo sapiens FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               181 EVWLEQATEIVKEW 194
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Shimkets, Richard:
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APPLICANT: Majumder, Kumud
TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoding Same
FILE REFERENCE: 15966-721 US
CURRENT APPLICATION NUMBER: US/09/804,014A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/188,316
PRIOR APPLICATION NUMBER: 60/188,277
PRIOR FILING DATE: 2000-03-10
PRIOR PRIOR DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR APPLICATION NUMBER: 60/189,140
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 74
LENGTH: 312
TYPE: PRT
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US-09-804-014A-74
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LENGTH: 312
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 74, Application US/09804014A Publication No. US20030064489A1
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PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 2000-03-17
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APPLICANT: Pa
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PRIOR APPLICATION NUMBER: 60/189,140
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/190,401
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Fernandes,
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Spaderna, Steven
Majumder, Kumud
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46.9%; Pred. No. 2.6e-35;
vative 30; Mismatches 71;
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; ORGANISM: Homo sapiens
US-09-804-014A-39
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US-09-804-014A-39
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PRIOR FILING DATE: 2000-03-10
PRIOR PELICATION NUMBER: 60/188,277
PRIOR PELICATION NUMBER: 60/189,139
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR FILING DATE: 2000-03-14
PRIOR PELICATION NUMBER: 60/189,140
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR FILING DATE: 2000-03-17
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PRIOR FILING DATE: 2000-03
NUMBER OF SEQ ID NOS; 75
SOFTWARE: Patentin Ver: 2
SEQ ID NO 39
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Best Local S
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APPLICANT: Padigaru, Muralidhara
APPLICANT: Vernet, Corine
APPLICANT: Fernandes, Elma
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                                                                   63 KVALVGLTAETSHALVÞKÉIÞGKGGIWRVIFKÞÞDÞDNTFLSRLNEFLAGEGMTVGELSR 122
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Fernandes, Elma
Shimkets, Richard,
Spaderna, Steven/;
Majumder, Kumud
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ALGOBALSPATVPCISPELLAHLLGQAMAHAPQPLLP-MRYRKLRVFSGSAVPAPEEESF 180
                                                                                             NAVLLELLEDTDVSAIPSEVQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFR 121
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                                                                                                                                                       LRLLEDWCRGMDMNPRKALLIAGISQSCSVAEIEEALQAGLAPLGEYRLLGRMFRRDENR 62
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                                                                                                                                                                                                                                              43.8%; Score 436; DB 10; larity 46.9%; Pred. No. 2.7e-35; Conservative 530; Mismatches 71;
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46.9%; Pred. No. 2.6e-35;
tive 30; Mismatches 71;
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; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020182671A1 112301CD1
US-09-965-529-1
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US-09-965-529-1
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FILE REFERENCE: PF-0731 USA
CURRENT APPLICATION NUMBER: US/09/965,529
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/149,641; 60/164,203; PCT/US00/22315
PRIOR FILING DATE: 1999-08-17; 1999-11-09; 2000-08-14
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL PROGRAM
SEQ ID NO 1
LENGTH: 351
TYPE: PRT
                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                         Sequence 16, Application US/09804014A Publication No. US20030064489A1
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APPLICANT: Li, Li
APPLICANT: Padigaru, Muralidhara
APPLICANT: Vernet, Corine
APPLICANT: Vernet, Corine
APPLICANT: Fernandes, Elma
APPLICANT: Shimkets, Richard
APPLICANT: Spaderna, Steven
APPLICANT: Majumder, Kumud
TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoding
FILE REFERENCE: 15966-721 US
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APPLICANT:
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APPLICANT: YUE, H
APPLICANT: TANG,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 LALLEDWCRIMSVDEQKSLMVTGIPADFEEAEIQEVLQETLKSLGRYRLLGKIFRKQENA
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PATTERSON, Chandra
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TANG, Y. Tom
BANDMAN, Olga
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AZIMZAI, Yalda
BAUGHN, Mariah R.
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46.9%; Pred. No. 3.1e-35;
70. Mismatches 71;
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122 121 62

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APPLICANT: LAL, Preeti; YUE, Henry
APPLICANT: TANG, Y. Tom; BANDMAN, Olga
APPLICANT: BURFORD, Neil; AZIMZAI, Yalda
APPLICANT: BURGNY, Mariah R.; LU, Dyung Aina M.
APPLICANT: BAUGHN, Mariah R.; LU, Dyung Aina M.
APPLICANT: PATTERSON, Chandra
ITILE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS
FILE REFERENCE: PP-071-1 USA,
CURRENT APPLICATION NUMBER: US/09/969,680A
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US/09/22315
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/149,641
PRIOR FILING DATE: 1999-08-17
PRIOR FILING DATE: 1999-11-09
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US-09-969-680A-1
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PRIOR FILING DATE: 2000-03-10
PRIOR PELLING DATE: 2000-03-10
PRIOR PELLING DATE: 2000-03-10
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR APPLICATION NUMBER: 60/189,140
PRIOR APPLICATION NUMBER: 60/190,140
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR APPLICATION NUMBER: 60/190,231
PRIOR PILING DATE: 2000-03-17
PRIOR PILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
PRIOR PILING DATE: 2000-03-17
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PRIOR FILING DATE: 2000-03-17
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SEQ ID NO 16
LENGTH: 351
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SEQ ID NO 1
LENGTH: 351
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NAME/KBY: misc féature
OTHER INFORMATION: Incyte
09-969-680A-1
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                                                       ID No. US20030124649A1 112301CD1
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Search completed: April Job time: 44.5624 secs
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US-10-341-434-10
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PRIOR FILING DATE: 2002-01-15
NUMBER OF SEQ ID NOS: 238
SOFTWARE: Patentin version 3.1
SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 10, Application US/10341434

Publication No. US20030215835A1

GENERAL INFORMATION:

APPLICANT: Origene Technologies

TITLE OF INVENTION: Differentially Regulated Prostate Cancer Genes

FILE REFERENCE: 9U 204 205 R1

CURRENT APPLICATION NUMBER: US/10/341,434

CURRENT FILING DATE: 2003-07-18

PRIOR APPLICATION NUMBER: US/10/341,434

CURRENT FILING DATE: 2002-01-15

PRIOR FILING DATE: 2002-01-15
                                                                                                                                                                                                                                                                                                                                                                                     Query Match
43.8%; Score 436; DB 15;
Best Local Similarity 46.9%; Pred. No. 3.1e-35;
Mismatches 71;
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Best Local
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TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     182
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                                                                              182 GRWMFHTTQMIKAW 195
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Similarity 46.9%;
91; Conservative 3
                                                                                                                    EVWLEQATEIVKEW 194
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                    8, 2005, 13:35:13
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Pred. No. 3.1e-35;
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Sequence:

13698, A
2, Appl.
1078, Ap
2700, Ap
2700, Ap
2700, Ap
2700, Ap
3, Appl.
3, Appl.
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3, Appl.

191, App

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App App 5, A

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Post-processing: Minimum Match 0%
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Perfect score:
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4 US-09-538-092-1280
4 US-09-248-796A-20235
4 US-09-949-016-10896
4 US-09-538-092-1130
4 US-09-538-092-1285
4 US-09-538-092-1285
2 US-08-469-537A-85
2 US-08-469-537A-85
2 US-08-857-076-107
4 US-09-107-532A-3677
2 US-08-249-687C-2
2 US-08-625-819-2
2 US-08-625-819-2
3 US-08-625-819-2
3 US-08-64-6418-18
4 US-09-343-551-2
4 US-09-949-001-18
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4 :US-09-202-047A-2

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US-09-189-527-4
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 Sequence 13, Appl Sequence 10835, A Appli Sequence 2, Appli Sequence 4, Appli Sequence 4, Appli Sequence 94, Appli Sequence 94, Appli Sequence 1280, Appli Sequence 1280, Appli Sequence 1130, Appli Sequence 1130, Appli Sequence 1130, Appli Sequence 1130, Appli Sequence 26, Appli Sequence 117, Appli Sequence 27, Appli Sequence 2, Appli Sequence 2, Appli Sequence 18, Appli Sequence 11, Appli Sequence 11, Appli Sequence 11, Appli Sequence 21, Appli S
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US-09-189-527-4
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US-09-189-527-13
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CURRENT FILING DATE: 1998-11-10
RUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 13
LENGTH: 462
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Jerome B. Posner
APPLICANT: JOSEP O Dalnau
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: Ma Family Polypeptides
TITLE OF INVENTION: Antibodies
FILE REFERENCE: SLK98-01
                                                                                                                                    Sequence 4, Application Patent No. 6387639
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 13, Application US/09189527A Patent No. 6387639
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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Best Local Similarity
                     APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalmau
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: Ma Family Polypeptides and Anti-Ma
TITLE OF INVENTION: Antibodies
FILE REFERENCE: SLK98-01
         CURRENT APPLICATION NUMBER: US/09/189,527A
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US-09-438-1185A-758
US-09-489-039A-11805
US-09-370-838-191
US-09-854-133-191
US-09-618-425-2
US-09-618-425-2
US-09-538-092-1078
US-09-538-092-1078
US-09-538-092-1078
US-09-539-185-4248-2
US-09-539-18-8
US-09-329-418-8
US-09-329-418-3
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US-09-329-418-3
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Gaps

125 273 Result No.

Minimum DB Maximum DB

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Sequence 10835, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTEN: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307

CURRENT FILING DATE: 2000-04:14
PRIOR APPLICATION NUMBER: 00/241,755
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
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; TYPE: PRT
; ORGANISM: homo sapiens
US-09-189-527-4
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US-09-555-790A-2
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Best Local S
Matches 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: RastSEQ for Windows Version SEQ ID NO 10835
LENGTH: 577
Sequence 2, Application US/0955790A
patent No. 6555632
GENERAL INFORMATION:
APPLICANT: ITOH, KYOGO et al
TITLE OF INVENTION: TUMOR ANTIGEN PEPTIDE DERIVATIVES
FILE REFERENCE: 0020-4716p
CURRENT APPLICATION NUMBER: US/09/555,790A
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NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for
SEQ ID NO 4
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Best Local :
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-09-949-016-10835
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Local Similarity 46.6%; Pred. No. 1.5e-21;
heb 54; Conservative 25; Mismatches 30;
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Similarity 23.5%; Pred. No. 0.03;
36; Conservative '29; Mismatches
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                                                                                                                                                                                                          EIQQPPPGPESYVPPYRPSLEEDSASLSGESLD
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US-09-202-047A-2
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                                                                                                                                     US-09-908-988B-4
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     GENERAL INFORMATION:
APPLICANT: OLSON, ERIC
APPLICANT: SPENCER, JEFFREY A.
APPLICANT: SPENCER, JEFFREY A.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR STABILIZING MICROTUBULES
TITLE OF INVENTION: IN STRIATED MUSCLE CELLS
                                                                                              Sequence 4, Application US/09908988B Patent No. 6740751
                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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Best Local (
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; LENGTH: 800
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-555-790A-2
                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Homo sapiens US-09-202-047A-2
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: ITOH, Kyogo
APPLICANT: SHICHIJO, Shigeki
APPLICANT: SHICHIJO, Shigeki
APPLICANT: IMAI, Yasuhisa
APPLICANT: IMAI, Yasuhisa
APPLICANT: INVENTION: TUMOR ANTIGEN FROTEINS, GENES THEREFOR, AND TUMOR
TITLE OF INVENTION: ANTIGEN PEPTIDES
FILE REFERENCE: 0020-4491P
CURRENT APPLICATION NUMBER: US/09/202,047A
CURRENT APPLICATION NUMBER: US/09/202,047A
CURRENT FILING DATE: 1998-12-07
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO
TYDE: DRT
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NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
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Best Local Similarity
582 MDFERD-
                                        124 ASFENESIEEPEERDGYGRWNHEGDD 149
                                                                                      540 EEDE-----DPERKGAIVFNATSE---FCRTLGEIPTYG-----LAGNREEQEEL 581
                                                                                                                                                                             489 VLEEDEAELELQKQLE------KGRRLRQLQQLQQLRDSGEKVVEIVKKLESRQRGW 539
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                                                                                                                               65 VEKRAIPRRIADQVRLEQVMAGATLNQMLWCR-LRELKDQGPPPSFLELMKVIREEEEEE 123
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                                                                                                                                                                                                                                                                                              h 11.7%; Score 89.5; DB Similarity 25.3%; Pred. No. 0.18;
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EERSANGGSESDGEE
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602
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US-09-949-016-7561
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SEQ ID NO 7561
LENGTH: 1307
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Best Local Similarity
Matches 39; Conserv
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION
FILE REFERENCE: CL001307
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Best Local Similarity
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR TITLE CAMPAGE CONTROL OF 
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CURRENT APPLICATION NUMBER: U$/09/908,988B
CURRENT FILING DATE: 2000-07-18
PRIOR APPLICATION NUMBER: 60/219,020
PRIOR FILING DATE: 2000-07-18
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.1
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PRIOR APPLICATION NUMBER: 60/231,498
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25.0%; Pred. No. 0.21;
ative 23; Mismatches
-GYGRWNH 145
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Pred. No. 1.4;
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Sequence 94, Application US/08800644
Patent No. 5958752
GENERAL INFORMATION:
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Sequence 94, App...
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
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APPLICANT:
APPLICANT:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS
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FILING DATE: 30-APR-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy
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APPLICANT: Park, Sang-Chul
TITLE OF INVENTION: Trichohyalin and Transglutaminase-3 and
TITLE OF INVENTION: Mehods of Using Same
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REGISTRATION NUMBER:
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Pred. No. 5.4;
                                                                                                                                                                                                                                                                                                           Mismatches
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APPLICANT:

660

APPLICANT:

Kim, In-Gyu Chung, Soo-Il Steinert, Peter

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                                                                                                                                                                                                                                                                                           US-09-538-092-1280
                                                                                                                                                                                                                                   Sequence 1280, Applia Patent No. 6753314 GENERAL INFORMATION:
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                  CURRENT APPLICATION NUMBER: US/09/538,092
CURRENT FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: 60/127,352
PRIOR FILING DATE: 1999-04-01
PRIOR APPLICATION NUMBER: 60/178,965
PRIOR FILING DATE: 2000-02-01
                                                                                                                                                              APPLICANT: Giot, Loic
APPLICANT: Manbfield, Traci A.
TITLE OF INVENTION: Protein-Protein Complexes and Method
FILE REFERENCE: 15966-542
                                  NUMBER OF SEQ ID NOS: 1387
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (714) 760-9502 INFORMATION FOR SEQ ID NO: 9
               SOFTWARE: CuraPatSeqFormatter Version 0.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08
FILING DATE: 30-APR-1993
ATTORNEY/AGENT INFORMATION;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/800,644
FILLING DATE: 14-FEB-1997,
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS: LENGTH: 1898 amino acids:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein
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REFERENCE/DOCKET NUMBER: .NIH054.001A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (714) 760-0404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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TITLE OF INVENTION: Trichchyalin and Transglutaminase-3 and
TITLE OF INVENTION: Mehodsfof Using Same
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NO 1280
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620 Newport Center Drive, Sixteenth Floor
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28.9%; Pr
11.00 16;
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Pred. No. 5.
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                                                                                                                                                                                   of Using Same
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RESULT 12
US-09-949-016-10896
US-09-949-016-10896
Sequence 10896, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
GENERAL INFORMATION: Craig et al.
PAPLICAMT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; FEATURE:
, NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number Q07283
US-09-538-092-1280
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LENGTH: 531
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APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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Best Local :
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                CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 28208
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                                                     FILE REFERENCE: CL001307
PRIOR APPLICATION NUMBER: 60/241,755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                          66 ITELEEGRRIEKERREQLKLQKQQERQEALARGEIVEDDDEMDEDDQ--EEGD 116
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; LOCATION: (0) ...(0)
; OTHER INFORMATION: Polypeptide Accession Number P46060
US-09-538-092-1130
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US-09-538-092-1130
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Matches
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                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
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Patent No. 6753314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Glot, Loic
APPLICANT: Mansfield, Traci A.
APPLICANT: Mansfield, Traci A.
TITLE OF INVENTION: Protein-Protein Complexes and
PILE REFERENCE: 15966-542
CURRENT APPLICATION NUMBER: US/09/538,092
CURRENT FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: 60/127,352
PRIOR FILING DATE: 1999-04-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/178,965
PRIOR FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 1387
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PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
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PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Human
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION:
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365
                                       120
                                                                                                                                                              253 AVAMAETLKTLRQVEVINFGDCLVRSKGAVAIADAIRGGLPKLKELNLSFCEIKRDAA-- 310
                                                                                                                                                                                                   12 SISVEECLEAFKQV----FGSLESRRTAQVRYLKPYQEEGEKVSAYVLRLETLLRRAVEK 67
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                                                                               LAVAEAMADKAELEKLDI, NGNTLGEEGCEQLQEVLEG---
                                                                                                                    RAIPRRIADQVRLEQV-MAGATLNQMLWCRLRELKDQGPPPSFLELMKVIR-----EE 119
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                                         EEEEASFENESIEEPEERD 138
  EEEEGEEEEEEAEEEEED
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                                                                                                                                                                                                                                                            10.4%; Score 80; DB 4; Length 587; 26.6%; Pred. No. 1.5;
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  383
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                                                                                                                                                                                                                                           60;
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; TYPE: PRT
; ORGANISM: Schizosaccharomyces pombe
US-09-540-824-26
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GENERAL INFORMATION:

APPLICANT: Thiele, Dennis

APPLICANT: Liu, Phillip

APPLICANT: Liu, Phillip

NO.
                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 1387
SOFTWARE: CuraPatSeqFormatter Version
SEQ ID NO 1285
LENGTH: 620
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE:
SEQ ID NO 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 26, Applion Patent No. 6383753
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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                                                                                                                                      Query Match
Best Local
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CURRENT FILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/538,092
CURRENT FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: 60/127,352
PRIOR FILING DATE: 1999-04-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Giot, Loic
APPLICANT: Mansfield, Traci A.
TITLE OF INVENTION: Protein-Protein Complexes and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: FILE REFERENCE: U
                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/178,965 PRIOR FILING DATE: 2000-02-01
                                                                                                                                                                                                            ORGANISM: Homo sapiens
FEATURE:
FEATURE:
NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: Polypeptide Accession Number Q08379
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 15966-542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Match 10.4%; Score 80; DB 3; Local Similarity 25.8%; Pred. No. 2.4;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    253 KASRKSGIKTQRPIISDGD-----ARYDSFVREMVFDKRAHPTERTKTEEELAQIEAD-
                                       212 LKETVELKSQEAQSLQQQRDQYLGHLQQY-----VAAYQQLTSEKEVLHNQLLLQTQLV
                                                                              15 VEECLEAFKQVFGSLESRRTAQVRYLKPYQEEGEKVSAY------VLRLETLLRRAV-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             88 TLNQMLWCRLRELKDQGPPPSFLELMKVIR-EEEEEEASFENESIEEPEERD---GYGR-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         30 ESRRTAQVRYLKPYQEEGEKVSAYVLRLETLLRRAV-EKRAIP-RRIADQVRLEQVMAGA 87
                                                                                                                                        Similarity
----EKRAIPRRIADQVR-----LEQVMAGATLNQMLWCRLRELKDQGPPPSFLELMKV 115
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                                                                                                                     Conservative
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                                                                                                                   10.1%; Score 77.5; I
25.0%; Pred. No. 3.2;
tive 26; Mismatches
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                                                                                                                                                          DB 4;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Method
                                                                                                                                                            Length 620;
                                                                                                                       Indels
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Search completed: April 8, 2005, 12:52:55
Job time: 11.454 secs
                                                       266 DQLQQQEAQGKAVAEMARQELQETQERLEAATQQNQQLRAQLSLMAHPG-----EGDGL 319
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Result
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Maximum Match 1008
Listing first 45
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Maximum DB seq length: 2000000000
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Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Total number of hits satisfying chosen parameters:
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score greater than
and is derived by r
                   295.5
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766
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1486.133 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                       211111111
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   query
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(cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*
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Copyright (c) 1993 - 2005 Compugen
                                                                                                                                                                                                                                                                  Length
     13 US-10-037-860-9
13 US-10-037-860-11
13 US-10-037-860-13
9 US-09-965-529-7
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                                                                                                                                                     10
 10 US-99-969-680A-7
10 US-10-408-765A-2385
15 US-10-094-749-1978
16 US-09-965-529-1
17 US-09-804-014A-16
18 US-09-969-680A-1
18 US-09-969-680A-1
19 US-09-969-680A-1
10 US-09-969-680A-1
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                                                                                                                                                                                                                                                                                                                           SUMMARIES
Sequence 9, Appli
Sequence 11, Appl
Sequence 13, Appli
Sequence 7, Appli
Sequence 7, Appli
Sequence 2385, Ap
Sequence 1978, Ap
Sequence 1, Appli
Sequence 16, Appli
Sequence 11, Appli
Sequence 10, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 4, Appli
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US-10-037-860-9

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14 247.5 32.3 403 15 US-10-094-466-38 Sequence 38, Appl 16 237 30.9 402 17 US-10-256-115-1208 Sequence 37, Appl 17 23.5 30.7 32.1 10 US-09-804-014A-74 Sequence 39, Appl 18 225 29.4 312 10 US-09-804-014A-74 Sequence 39, Appl 29.5 12.7 21.8 15 US-10-094-749-2881 Sequence 39, Appl 29.5 12.5 407 16 US-10-094-749-2881 Sequence 74, Appl 29.5 12.5 407 16 US-10-094-749-2881 Sequence 57, Appl 29.5 12.5 407 16 US-10-25-331-57 Sequence 122, Appl 39.5 12.2 62.0 16 US-10-379-63-158544 Sequence 122, Appl 29.5 11.7 80.0 11.7 592 15 US-10-437-963-158544 Sequence 18844, Appl 29.5 11.7 80.0 17 US-10-438-339-8 Sequence 1884, Appl 39.5 11.7 80.0 17 US-10-574-829A-8 Sequence 8, Appli 29.5 11.7 80.0 17 US-10-959-539-51 Sequence 8, Appli 39.5 11.4 545 16 US-10-437-963-187531 Sequence 187531, Appl 39.5 11.4 545 16 US-10-437-963-187531 Sequence 187531, Appl 39.6 11.4 545 16 US-10-437-963-187531 Sequence 187531, Appl 39.6 11.4 545 16 US-10-775-639-4 Sequence 2, Appli 39.6 81.5 10.9 63.1 17 US-10-299-417-2 Sequence 2, Appli 39.6 81.5 10.9 63.1 17 US-10-299-417-2 Sequence 2, Appli 39.6 81.5 10.9 63.1 17 US-10-299-417-2 Sequence 2, Appli 39.6 81.5 10.8 80.2 14 US-10-408-765A-257 Sequence 2, Appli 39.6 81.5 10.8 80.2 14 US-10-408-765A-257 Sequence 2, Appli 39.6 81.6 18 US-10-408-765A-257 Sequence 2, Appli 39.6 81.6 18 US-10-437-963-187533 Sequence 3, Appli 41 US-10-839-016-33 Sequence
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ALIGNMENTS

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; LENGTH: 149
; TYPE: PRT
; ORGANISM: homo s
US-10-037-860-9
                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Jerome B. Posner
APPLICANT: Myrna R. Rosenfeld
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: Ma FAMILY POLYPEPTIDES ANI
TITLE OF INVENTION: ANTIBODIES
FILE REFERENCE: 2581.1004-004
CURRENT APPLICATION NUMBER: US/10/037,860
CURRENT FILING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR FILING DATE: 1996-11-10
NUMBER OF SEQ ID NOS: 14
SOPTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO
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                                                                                                                                                                                    Query Match
Best Local Similarity 100.
121 EEEASFENESIEEPEERDGYGRWNHEGDD 149
                                                                         61
                                                             LRRAVEKRAIPRRIADQVRLEQVMAGATLNQMLWCRLRELKDQGPPPSFLELMKVIREEE
                                                                                                                     DIMHIVOADNESISVEECLEAFKQVFGSLESRRTAQVRYLKPYQEEGEKVSAYVIRLETL
                                                                                                                                        DLMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKPYQEEGEKVSAYVLRLETL
                                       LRRAVEKRAI PRRIADQVRI.EQVMAGATLNQMLWCRLRELKDQGPPPSFLELMKVIREEE
                                                                                                                                                                                                                                                                                                    sapiens
                                                                                                                                                                                               100.0%; Score 766; DB 13; 100.0%; Pred. No. 4.9e-70; tive 0; Mismatches 0;
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121

EEEASFENESIEEPEERDGYGRWNHEGDD 149

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APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalnau
APPLICANT: Josep O. Dalnau
Vyrna R. Rosenfeld
TITLE OF INVENTION: Ma FAMILY POLYPEPTIDES AND ANTI-MA
TITLE OF INVENTION: MA FAMILY POLYPEPTIDES AND ANTI-MA
TITLE OF INVENTION: MATIBODIES
FILE REFERENCES: 2581.1004-004
CURRENT APPLICATION NUMBER: US/10/037,860
CURRENT EPILING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 09/10/19/527
PRIOR FILING DATE: 1998-11-10
NUMBER OF SEQ ID NOS: 14
SOSTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 283
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; ORGANISM: homo sapiens
US-10-037-860-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 13, Applica Publication No. US20 GENERAL INFORMATION:
                                                                  Query Match
Best Local Similarity
Matches 68; Conserv
                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches 147; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 98.6%; Score 755; DB 13; Best Local Similarity 98.7%; Pred. No. 1.5e-68;
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalmau
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: MA FAMILY POLYPEPTIDES AND ANTI-MA
TITLE OF INVENTION: ANTISODIES
FILE REFERENCE: 2581.1004-004
                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/037,860
CURRENT FILING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR FILING DATE: 1998-11-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           195 LRKAVEKRAIPRRIADQVRLEQVMAGATLNQMLWCRLRELKDQGPPPSFLELMKVIREEE 254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             255 EEEASFENESIEEPEERDGYGRWNHEGDD 283
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         61 LRRAVEKRAIPRRIADQVRLEQVMAGATLNQMLWCRLRELKDQGPPPSFLELMKVIREEE 120
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6 VQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKPYQEEGEKVSAYVLRLETLLRRAV 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/10037860
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                                                       42.2%; Score 323; DB 1: 52.7%; Pred. No. 3e-24; ative 26; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1; Mismatches
                                                                                                                    DB 13; Length 463;
                                                                         33;
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GENERAL INFORMATION:

APPLICANT: LAL, Preeti; YUE, Henry
APPLICANT: TANG, Y. Tom; BANDMAN, Olga
APPLICANT: BAUGHN, Neil; AZIMZAI, Yalda
APPLICANT: BAUGHN, Mariah R.; LU, Dyung Aina M.
APPLICANT: PATTERSON, Chandra
ITITLE OF INVENTION. MEMBRANE ASSOCIATED PROTEINS
FILE REFERENCE: PF-0731-1 USA
CURRENT APPLICATION NUMBER: US/09/969,680A
CURRENT FILING DATE: 2001-10-02
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US-09-969-680A-7
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; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020182671A1 2483172CD1
US-09-965-529-7
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SEQ ID NO 7
LENGTH: 353
TYPE: PRT
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Publication No. US20020182671A1
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CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/149,641; 60/164,203; PCT/US00/22315
PRIOR FILING DATE: 1999-08-17; 1999-11-09; 2000-08-14
NUMBER OF SEQ ID NOS: 74
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APPLICANT: YUE, Henry
APPLICANT: TANG, Y. To
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS FILE REFERENCE: PF-0731 USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   / Match 38.6%;
Local Similarity 46.3%;
les 62; Conservative 29
                                                                                                                                                                                                                                                                                                                                                                                                                           117
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      272 LQKVVEKGAIDKDNVNQARLEQVIAGANHSGAIRRQLWL---TGAGEGPAPNLFQLLVQI 328
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        61 LRRAVEKRAIPRRIADQVRLEQVMAGA----TLNQMLWCRLRELKDQGPPPSFLELMKVI 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 DLMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKPYQEEGEKVSAYVLRLETL 60
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BANDMAN, Olga
BURFORD, Neil
AZIMZAI, Yalda
BAUGHN, Mariah R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 295.5; DB 9; Length 353;
Pred. No. 1.3e-21;
9; Mismatches 36; Indels 7
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GENERAL INFORMATION:

APPLICANT: Ghosh, Soumitra S.

APPLICANT: Fahy, Boin D.

APPLICANT: Zhang, Bing

APPLICANT: Taylor, Steven W.

APPLICANT: Taylor, Steven W.

APPLICANT: Marnock, Dale E.

TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION

TITLE OF INVENTION: DENTIFIED IN THE MITOCHONDRIAL PROTEOME

FILE REFERENCE: 660088.465

FILE REFERENCE: 660088.405

CURRENT APPLICATION NUMBER: US/10/408,765A

CURRENT APPLICATION STANDARD CURRENT FILING DATE: 2003-04-04

NUMBER OF SEG ID NOS: 3077

SOFTWARE: FastSEQ for Windows Version 4.0

SEG ID NO 2385
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: USO5/22315
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/149,641
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/164,203
PRIOR FILING DATE: 1999-11-09
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL PROGRAM
SEQ ID NO 7
SEQ ID NO 7
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US-10-408-765A-2385
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                                                                                                                                                                                                                                Query Match 37.5%; Score 287; DB 16; Best Local Similarity 43.8%; Fred. No. 1.4e-20; Matches 63; Conservative 30; Mismatches 43;
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Best Local Similarity
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
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OTHER INFORMATION: Incyte ID No. US20030124649A1 2483172CD1
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                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 452
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                                                                                                                                                   215 IMRVLQANNDSITVEQCLDALKQIFGDKEDFRASQFRFLQTSPKIGEKVSTFLLRLEPLL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     61 LRRAVEKRAIPRRIADQVRLEQVMAGA----TLNQMLWCRLRELKDQGPPPSFLELMKVI 116
                                                                                                       62 RRAVEKRAIPRRIADOVRIEOVMAGATINOMIWCRIREIKDOGPPPSFIEIMKVIREEEE 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 DIMHIVQADNPSISVEBCLEAFKQVFGSLESRRTAQVRYLKPYQEEGEKVSAYVLRLETL
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                                                                                                                                                                       2 LMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKPYQEEGEKVSAYVLRLETLL 61
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---EEASFENESIEEPEERDGYGR 142
                                                                  CKAVHKSPLSVRSTDMIRLKHILLARVAMTPALRGKLELLDQRGCPPNFLELMKLIRDEEE 334
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46.3%; Pred. No. 1.3e-21;
Mative 29; Mismatches 36
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                                                                                                                                                                                                                                                                          Length 452;
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US-09-965-529-1

Sequence 1, Application US/09965529 Publication No. US20020182671A1 GENERAL INFORMATION:

APPLICANT: LAL, Preeti
APPLICANT: YUE, Henry
APPLICANT: TANG, Y. Tom
APPLICANT: BANDMAN, Olga
APPLICANT: BURFORD, Neil
APPLICANT: AZIMZAI, Yalda
APPLICANT: BAUGHN, Mariah R

APPLICANT:

BAUGHN, Mariah R. LU, Dyung Aina M. PATTERSON, Chandra

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CURRENT APPLICATION NUMBER: US/10/094,749
CURRENT FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 60/350,435
PRIOR FILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: JP 2001-328381
PRIOR FILING DATE: 2001-09-14
NUMBER OF SEQ ID NOS: 3381
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 1978
LENGTH: 399
TYPE: PRT
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RESULT 8
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                                                                                                                                                                                                                                                                          Query Match
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: SEKI, NAOHIKO
APPLICANT: YOSHIKAWA, TSUTOMU
APPLICANT: OTSUKA, MOTOVUKI
APPLICANT: NAGAHARI, KENJI
APPLICANT: MASUHO, YASUHIKO
TITLE OF INVENTION: NOVEL FULL-LENGTH cDNA
FILE REFERENCE: 084335/0160
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                          Local
                                                  328 WEASLARSVRAQTQEGAG
                                                                                                              268 QKAMEKEALARASADRVRLROMLTRAHLTEPLDEALRKLRMAGRSPSFLEMLGLVRESEA 327
                                                                                                                                                                          335 WENTEAVMKNK----EKPSGRGR
                                                                                122 EEASFENESIEEPEERDG 139
                                                                                                                                        62 RRAVEKRAIPRRIADQVRLEQVMAGATLNQMLWCRLRELKDQGPPPSPLELMKVIREEEE 121
                                                                                                                                                                                              60;
                                                                                                                                                                                                                                         1 36.2%; Score 277; DB 15; Similarity 43.5%; Pred. No. 1.2e-19; 50; Conservative 30; Mismatches 48;
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OTSUKA, KAORU
NAGAI, KEIICHI
IRIE, RYOTARO
TAMECHIKA, ICHI
TAMECHIKA, ICHI
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WAKAMATSU, AI
SATO, HIROYUKI
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NO, JUN-ICHI
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                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                267
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APPLICANT: Spaderna, Steven

APPLICANT: Majumder, Kumud

IIILE OF INVENTION: Novel Bolypeptides and Nucleic Acids Encoding Same

FILE REFERENCE: 15966-721 US

CURRENT FILING DATE: 2002-04-24

PRIOR APPLICATION NUMBER: 60/188,316

PRIOR FILING DATE: 2000-03-10

PRIOR FILING DATE: 2000-03-10

PRIOR FILING DATE: 2000-03-10

PRIOR APPLICATION NUMBER: 60/188,277

PRIOR APPLICATION NUMBER: 60/189,139

PRIOR APPLICATION NUMBER: 60/189,140

PRIOR APPLICATION NUMBER: 60/190,140

PRIOR FILING DATE: 2000-03-17

PRIOR FILING DATE: 2000-03-17
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                                                                                                            TYPE: PRT
; ORGANISM: Homo sapiens
US-09-804-014A-16
               Query Match
Best Local S
Matches 58
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FILE REFERENCE: PF-0731 USA
CURRENT APPLICATION NUMBER: U3/09/965,529
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/149,641; 60/164,203; PCT/US00/22315
PRIOR FILING DATE: 1999-08-17; 1999-11-09; 2000-08-14
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL Program
SEQ ID NO 1
LENGTH: 351
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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                                                                                                                                                                             SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 16
LENGTH: 351
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                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/190,231
PRIOR FILING DATE: 2000-03-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Incyte ID No. US20020182671A1 112301CD1
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y Match 35.4%; Score 271.5; DB 10; Length 351;
Local Similarity 44.6%; Pred. No. 3.7e-19;
hes 58; Conservative 32; Mismatches 29; Indels 11;
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Shimkets, Richard
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Vernet, Corine
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                 11;
                 Gaps
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RESULT 11

US-10-341-434-10

US-10-341-434-10

Sequence 10, Application US/10341434

Publication No. US20030215835A1

GENERAL INFORMATION:
APPLICANT: Oridene Technologies

TITLE OF INVENTION: Differentially Regulated Profile REFERENCE: 9U 204 205 R1

CURRENT APPLICATION NUMBER: US/10/341,434

CURRENT FILING DATE: 2003-07-18

CURRENT FILING DATE: 2003-07-18
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; OTHER INFORMATION: Incyte ID No. US20030124649A1 112301CD1
US-09-969-680A-1
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US-09-969-680A-1
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Matches
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SEQ ID NO 1
LENGTH: 351
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: LAL, Preeti; YUE, Henry
APPLICANT: TANG, Y. Ton, BANDMAN, Olga
APPLICANT: BURFORD, Neil; AZMZAI, Yalda
APPLICANT: BAUGHN, Mariah R.; LU, Dyung Aina M.
APPLICANT: PATTERSON, Chandra
TITLE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS
FILE REFERENCE: PR-0731-1 USA
CURRENT APPLICATION NUMBER: US/09/969,680A
CURRENT APPLICATION DATE: 2001-10-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US00/22315
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/149,641
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/164,203
PRIOR FILING DATE: 1999-11-09
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PRIOR APPLICATION NUMBER: US 60/348,164
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 35.4%; Score 271.5; DB 10; Length 351; 44.6%; Pred. No. 3.7e-19;
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                                                                                            Prostate Cancer Genes
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US-10-341-434-10
                                                                                                     US-09-804-014A-40
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SEQ ID NO 10
LENGTH: 351
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APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalmau
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: ANTIBODIES
TITLE OF INVENTION: ANTIBODIES
FILS REFERENCE: 2581.1004-004.
                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
                                                              Sequence 40, Application US/09804014A Publication No. US20030064489A1
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Best Local Similarity
                                  GENERAL INFORMATION:
APPLICANT: Li, Li
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                                                                                                                                                                                                                                                                                                                                                    Query Match
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PRIOR FILING DATE: 1998-11-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT FILING DATE: '2001-01-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2002-01-15
PRIOR APPLICATION NUMBER: US
PRIOR FILING DATE: 2002-01-15
                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 329
TYPE: PRT
ORGANISM: homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       61 LRRAVEKRAIPRRIADQVRLEQVMAGA---TLNQMLWCRLRELKDQGPPPSFLELMKVIR 117
                                                                                                                                                                                                            61 LRRAVEKRAIPRRIADOVRIEOVMAGA----TLNOMLWCRLRELKDQGPPPSFLEL 112
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                                                                                                                                                                                                                                                                                                                     54;
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                                                                                                                                                                            LOKVVEKGAIDKDNVNOARLEQVIAGANHSGAIRRQLWL-
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Padigaru, Muralidhara
Vernet, Corine
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38: 238
                                                                                                                                                                                                                                                                                                      33.5%; Score 256.5; DB 1
46.6%; Pred. No. 1.2e-17;
tive 25; Mismatches 30
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                                                                                                                                                                                                                                                  271
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; NAME/KEY: VARIANT; LOCATION: (20)
; OTHER INFORMATION: Wherein Xaa is; OTHER INFORMATION: specification US-09-804-014A-40
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                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/094,466
CURRENT FILING DATE: 2002-03-07
PRIOR APPLICATION NUMBER: 60/274,281
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/288,148
PRIOR APPLICATION NUMBER: 60/288,148
PRIOR FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: 60/274,849
PRIOR APPLICATION NUMBER: 60/274,849
PRIOR APPLICATION NUMBER: 60/274,849
PRIOR FILING DATE: 2001-03-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-094-466-38
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PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/188,277
PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR FILING DATE: 2000-03-14
PRIOR FILING DATE: 2000-03-14
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Spytek et al.
TITLE OF INVENTION: NOVEL HUMAN PROTEINS,
TITLE OF INVENTION: AND METHODS OF USING
TITLE OF INVENTION: THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 38, Application US/10094466 Publication No. US20030203363A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids
FILE REFERENCE: 15966-721 US
CURRENT APPLICATION NUMBER: US/09/804,014A
CURRENT FILING DATE: 2002-04-24
                                                                                                                                 PRIOR PRIOR PRIOR
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PRIOR FILING DATE: 2000-03-17
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 21402-290D
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TYPE: PRT
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              OR PILICATION NUMBER: 60/288,148
OR FILING DATE: 2001-05-02
OR PILING DATE: 2001-05-02
OR APPLICATION NUMBER: 60/274,849
OR APPLICATION NUMBER: 60/275,235
OR FILING DATE: 2001-03-12
OR APPLICATION NUMBER: 60/338,375
OR PILING DATE: 2001-12-04
OR APPLICATION NUMBER: 60/275,579
OR APPLICATION NUMBER: 60/275,579
OR APPLICATION NUMBER: 60/335,302
OR APPLICATION NUMBER: 60/335,302
OR FILING DATE: 2001-10-31
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PLICATION NUMBER: 60/275,601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   318
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 DLMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKPYQEEGEKVSAYVLRLETL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            h 33.3%; Score 255; Similarity 51.0%; Pred. No. 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LQKVVEKGAIDKDNVNQARLEQVIAGANHSGAIRRQLW 309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Shimkets,
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1.6e-17;
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Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 114
SOFTWARE: PatIn 2.1
SEQ ID NO 38
LENGTH: 403
TYPE: PAT
ORGANISM: Homo sapiens
US-10-094-466-38
Search completed: April 8, 2003; Job time: 34.2861 Becs
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                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/276,000 PRIOR FILING DATE: 2001-03-14 PRIOR APPLICATION NUMBER: 60/277,338
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                                                                                                    140 LQNAIQAGIIAEKDANRTRLQQLLLGGELSRDLRLRLKDFLRMYANEQERLPNFLELIKM 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            216 İREEEDWDDAF 226
                                                   200 VREEEDWDDAFIKRKRPKRSESMVE 224
                                                                                 116 IREEEEEASF-----ENESIEE 133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    156 LQNAIQAGILAEKDANQTRLQQLLLGAELNRDLRFRLKHLLRMYANKQERLPNFLELIKM 215
                                                                                                                                                               61 LRRAVEKRAIPRRIADQVRLEQVMAGATLNQMLWCRLREL-----KDQGPPPSFLELMKV 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         61 LRRAVEKRAIPRRIADQVRLEQVMAGATLNQMLWCRLREL----KDQGPPPSFLELMKV 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IREEEEEEASF 126
              13:35:14
                                                                                                                                                                                                                       Indels *12;
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Post-processing: Minimum Match 0*

Maximum Match 100%

Listing first 45 summaries
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Maximum DB seq length: 2000000000
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Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Run on:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OM protein - protein search, using sw model
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                       Published Applications AA:*

1: /cgn2 6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2 6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*

3: /cgn2 6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

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11: /cgn2 6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
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                                                                                                                                                                                1418010 seqs, 331997259 residues
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Gapop 10.0 , Gapext 0.5
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                                                                                                                                                                                                /cgn2_6/ptodata/1/pubpaa/US109_NEW_PUB.pcp:*
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_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*
_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1418010
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| Result | Score | Query Match | Query Query Match Length DB ID | DB | SUMMARIES | Description |
|--------|-------|----------------|--------------------------------|-----|------------------------|-------------------|
| H | 1462 | 100.0 | 283 | 13 | :,US-10-037-860-11 | Sequence 11, Appl |
| N | 755 | 51.6 | 149 | 13 | 13 . US-10-037-860-9 | Sequence 9, Appli |
| w | 628 | . 43.0 | , 353 | 9 | JUS-09-965-529-7 | Sequence 7, Appli |
| 4. | 628 | 43.0 | 353 | 10 | LO :- US-09-969-680A-7 | Sequence 7, Appli |
| " | 618.5 | 42.3 | 463 | 13 | 13 US-10-037-860-13 | Sequence 13, Appl |
| 6 | 597 | 40.8 | 452 | 16 | `}US-10-408-765A-2385 | Sequence 2385, Ap |
| 7 | 596.5 | 40.8 | 351 | 9 | US-09-965-529-1 | Sequence 1, Appli |
| œ | 596.5 | 40.8 | 351 | 10 | .US-09-804-014A-16 | Sequence 16, Appl |
| 9 | 596.5 | 40.8 | 351 | 10 | ;\US-09-969-680A-1 | Sequence 1, Appli |
| 10 | 596.5 | 40.8 | 351 | 15 | US-10-341-434-10 | Sequence 10, Appl |
| 11 | 593 | 40.6 | 195 | 13 | 13 - TUS-10-037-860-7 | Sequence 7, Appli |
| 12 | 564 | 38.6 | 329 | 113 | US-10-037-860-4 | 4 |
| 13 | 562.5 | 38.5 | 318 | 10 | LC: US-09-804-014A-40 | |
| | | | | | - | |

| 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 |
|---------------|--------|--------------|---------------------|------------------|----------------|--------------|----------------|-------------|--------|--------------------|---------------------|--------|----------------------|------------------|--------|--------|--------|--------|-------------------|--------|---------------------|-------------------|---------|-------------------|--------------------|------------------|------------------|--------------------|-------------------|----------------|----------------|
| 98 | 98.5 | 99 | 99 | • | 99.5 | 99.5 | 100 | 100 | 101.5 | 102 | 102 | 102.5 | 105.5 | 106 | 107 | 107 | 107 | 110.5 | 110.5 | 113 | 117 | 123 | 156.5 | 215 | 378.5 | 380.5 | 394 | 475.5 | 550 | 550 | 000 |
| | | | • | • | • | • | | 6.8 | • | • | 7.0 | • | • | 7.3 | • | 7.3 | 7.3 | | 7.6 | | | 8.4 | | | 25.9 | | | | | | ٠ |
| 1070 | 520 | 750 | 342 | 860 | 860 | 860 | 1082 | 750 | 788 | 225 | 116 | 879 | 758 | 542 | 1459 | 1035 | 1031 | 584 | 584 | 2383 | 538 | 120 | 204 | 120 | 337 | 402 | 403 | 399 | 312 | 312 | 321 |
| 14 | 15 | 15 | 15 | 15 | 15 | 15 | 16 | 14 | 14 | 10 | 9 | 15 | 15 | 15 | 16 | 15 | 11 | 15 | 15 | 14 | 16 | 10 | 14 | 10 | 15 | 17 | 15 | 15 | 10 | 10 | T |
| -10-420-845-2 | 0-381- | -10-424-599- | US-10-425-114-71718 | US-10-037-417-59 | -10-072-012-83 | -10-080-334- | -10-437-963-16 | 10-410-681- | -10-12 | US-09-764-891-4172 | US-09-864-761-34645 | -10-28 | US-10-282-122A-67949 | US-10-205-331-57 | -10-40 | -10-15 | -09-76 | -10-22 | US-10-291-172-355 | -08 | US-10-408-765A-2992 | US-09-804-014A-41 | -10-029 | US-09-804-014A-42 | US-10-296-115-1208 | US-10-959-539-26 | US-10-094-466-38 | US-10-094-749-1978 | US-09-804-014A-74 | -09-804-014A-7 | -09-804-014A-3 |
| e 22, | ۲, | Œ | e 2 | æ | e 838, | e 1 | 1621 | e 12, Ap | 8 | e 4172, | Sequence 34645, A | 60655, | 679 | æ | e 224 | e 197, | 686, | е 355, | Sequence 355, App | e 260, | e 2992 | 41, A | e 3374 | e 42, | e 1208 | e 26, | e 38, A | e 1978 | e 74, A | e 73, | 237 |

ALIGNMENTS

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Sequence 11, Application US/10037860

Publication No. US20020123114A1

GENERAL INFORMATION:
APPLICANT: Jerome B. Posner
APPLICANT: Jerome B. Posner
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: Ma FAMILY POLYPEPTIDES AND ANTI-Ma
TITLE OF INVENTION: MATIBODIES
FILE REFERENCE: 2581.1004-004
CURRENT APPLICATION NUMBER: US/10/037,860
CURRENT FILING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR FILING DATE: 1998-11-10
NUMBER OF SEO ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1:
LENGTH: 283
TYPE: PRT
GRGANISM: homo sapiens
US-10-037-860-11
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US-10-037-860-11
                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 283; Conserv
121 KKRWLAESLRGPALDLMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKTYQEE 180
                                                                             61 LAHLLGQAMAHAPQPLLPMRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKEWPVTEAE 120
                                                                                                                                                   1 VQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFRALGQEGVSPATVPCISPEL
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                                                                                                                                                                                                                                                    100.0%; Score 1462; DB 13; Length 283; ilarity 100.0%; Pred. No. 2.5e-120; Conservative 0; Mismatches 0; Indels 0;
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241 181 181 121

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Gaps

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APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalmau
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: MA FAMILY POLYPEPTIDES AND ANTI-MA
TITLE OF INVENTION: MATHODIES
FILE REFERENCE: 2581.1004-004.
CURRENT APPLICATION NUMBER: US/10/037,860
CURRENT FILING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR FILING DATE: 1998-11-10
NUMBER: OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 9
LENGTH: 149
APPLICANT: YUE, Henry
APPLICANT: TANG, Y. Tom
APPLICANT: BANDMAN, Olga
APPLICANT: BENDMAN, Olga
APPLICANT: BENDMAN, Olga
APPLICANT: AZIMZAI, Yalda
APPLICANT: LU, DYUNG Aina M.
APPLICANT: LU, DYUNG AINA M.
APPLICANT: PATTERSON, Chandra
TITLE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS
FILE REFERENCE: PF-0731 USA
FULL REFERENCE: PF-0731 USA
CURRENT APPLICATION NUMBER: US/09/965,529
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/149,641; 60/164,203; PCT/US00/22315
PRIOR FILING DATE: 1999-08-17; 1999-11-09; 2000-08-14
NUMBER OF SEQ ID NOS: 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 51.6%;
Best Local Similarity 98.7%;
Matches 147; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 9, Application US/1003.7860 Publication No. US20020123114A1
                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 7, App
Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                APPLICANT: LAL, Preeti
APPLICANT: YUB, Henry
APPLICANT: TANG, Y. To
APPLICANT: BANDMAN, Ol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 149
TYPE: PRT
ORGANISM: homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               135 DLMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKTYQEEGEKVSAYVLRLETL
                                                                                                                                                                                                                                                                                                                                                                                                             Application US/09965529
No. US20020182671A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        EEEASFENESIEEPEERDGYGRWNHEGDD 149
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LRKAVEKRAIPRRIADQVRLEQVMAGATLNQMLWCRLRELKDQGPPPSFLELMKVIREEE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DLMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKPYQEEGEKVSAYVLRLETL
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Pred. No. 1.8e-58;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 149;
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                                                                                                                                                                                                             US-09-969-680A-7
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APPLICANT: BURFORD, Neil; AZIMZAI, Yalda
APPLICANT: BUGGIN, Mariah R.; LU, Dyung Aina M.
APPLICANT: PATTERSON, Chandra
TITLE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS
FILE REFERENCE: PF-0731-1 USA
FULB APPLICATION NUMBER: US/09/969,680A
CURRENT FILLING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US/02315
PRIOR APPLICATION NUMBER: US/02315
PRIOR APPLICATION NUMBER: 0500/22315
PRIOR APPLICATION NUMBER: 0501/2315
PRIOR APPLICATION NUMBER: 0501/2315
PRIOR APPLICATION NUMBER: 0501/2315
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                                                                                                               Best Loc
Matches
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SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PERL Program SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: LAL,
APPLICANT: TANG
APPLICANT: BURF
APPLICANT: BAUG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 7, Application US/09969680A Publication No. US20030124649A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches 128; Conservative
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Best Local
                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/164,203 PRIOR FILING DATE: 1999-11-09
                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 1999-08-17
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TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                 LENGTH: 353
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                    NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20030124649A1 2483172CD1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feat
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      182
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    139 EMLNYILDNVIQPLVESIWYKRLTLFSGRDIPGPGEETFDPWLEHTNEVLEEWQVSDVEK 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           316 GPAPNLFQLLVQIREEEAKEEEEEAEA 342
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 238 GPPPSFLELMKVIREEEEEEASFENES 264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      259 EKLSAYVIRLEPLIQKVVEKGAIDKDNVNQARLEQVIAGANHSGAIRRQLWL---TGAGE 315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    199 RRRLMESIRGPAADVIRILKSNNPAITTAECIKALEQVFGSVESSRDAQIKFLNTYQNPG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             63 HLIGQAMAHAPQPLL-PMRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKEWPVTEAEK 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3 GKGGVWKVIFKTENQDTEFLERLNLFLEKEGQTVSGMFRALGQEGVSPATVPCISPELLA 62
                                                                                                                                      Similarity
                                        GKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFRALGQEGVSPATVPCISPĒLLA 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GKGGVWKVLFKPPTSDAEFLERLHLFLAREGWTVQDVARVLGFQNPTPTP----GPEMPA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EKVSAYVLRLETILIRKAVEKRAIPRRIADQVRLEQVWAGA----TLNQMLWCRLRELKDQ 237
                    GKGGVWKVLFKPPTSDAEFLERLHLFLAREGWTVQDVARVLGFQNPTPTP---
                                                                                                               Conservative
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                                                                                                                                   43.0%;
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                                                                                                               Score 628; DB 10;
pred. No. 9e-47;
52; Mismatches 75;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 628; DB 9; Length 353; Pred. No. 9e-47;
                                                                                                                                                          DB 10;
                                                                                                                                                             Length 353;
                                                                                                                  Indels 12;
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US-10-037-860-9

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238 259 182 199 122 139 63

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Sequence 13, Application US/10037860
Publication No. US20020123114A1
GENERAL INFORMATION:
APPLICANT: Jerome B. Posner
APPLICANT: JOSEP O. Dalmau
APPLICANT: MYTNA R. Rosenfeld
TITLE OF INVENTION: MA FAMILY POLYPEPTIDES AND
TITLE OF INVENTION: ANTIBODIES
TITLE OF INVENTION: ANTIBODIES
TITLE OF INVENTION: ANTIBODIES
TITLE OF INVENTION: UNMBER: US/10/037,860
CURRENT APPLICATION NUMBER: US/10/037,860
CURRENT PILING DATE: 2001-01-04
PRIOR FILING DATE: 1998-11-10
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; LENGTH: 463
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-037-860-13
                                                                                                                                 US-10-408-765A-2385
Sequence 2385, Application US/10408765A Publication No. US20040101874A1 GENERAL INFORMATION: APPLICANT: Ghosh, Soumitra S.: APPLICANT: Fahy, Eoin D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             142 WT--WAQTLGAAVQPLLEQMLYRELRVFSGNTISIPGALAFDAWLEHTTEMLQMWQVPEG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              82 IPGKGGPWEVIVKPRNSDGEFLNRLNRFLEEERRIVSDMNRVLGSDTNCSAPRVTISPEF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 VQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFRALGQEGVSPATVPCISPEL 60
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                                                                                                                                                                                                                                                                                                                                              AGEKVSSFVLRLEPILQRAVENNVVSRRNVNQTRLKRVLSGATLPDKLRDKLKLMKQRRK 319
                                                                                                                                                                                                                                                                                                                                                                                                     EGEKVSAYVLRLETLLRKAVEKRAIPRRIADQVRLEQVMAGATLNQMLWCRLRELKDQGP 239
                                                                                                                                                                                                                                                                                                                                                                                                                                                         EKRRRIMECIRGPALQVVSGIRASNASITVEECLAALQQVFGPVESHKIAQVKICKAYQE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      EKKRWLAESLRGPALDLMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKTYQE 179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LAHLLGQAMAHAPQPLL-PMRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKEWPVTEA 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GPAPNLFQLLVQIREEEAKEEEEEAEA 342
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GPPPSFLELMKVIREEEEEEASFENES
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                                                                                                                                                                                                                                          PPGFLALVKLLREEEEWEATLGPDRESLE
                                                                                                                                                                                                                                                                                            PPSFLBLMKVIREEEEEEASF -- ENESIE 266
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    42.3%; Score 618.5; DB 13; 50.2%; Pred. No. 9e-46; ative 44; Mismatches 85;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               264
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                                                                                                                                                                                                                                     APPLICANT: LAL, Presti...
APPLICANT: YUE, Henry
APPLICANT: TANG, Y. Tom
APPLICANT: BANDMAN, Olga
APPLICANT: BANDMAN, Olga
APPLICANT: BAUGHN, Mariah R.
APPLICANT: BAUGHN, Mariah R.
APPLICANT: LU, Dyung Aina M.
APPLICANT: LU, Dyung Aina M.
APPLICANT: PATTERSON, Chandra
APPLICANT: PATTERSON, Chandra
TITLE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS
FILE REFERENCE: PF-0731 USA
CURRENT APPLICATION NUMBER: US/09/965,529
CURRENT APPLICATION NUMBER: US/09/965,529
PRIOR APPLICATION NUMBER: 60/149,641; 60/164,203; PCT/US00/22315
PRIOR FILNG DATE: 1999-08-17; 1999-11-09; 2000-08-14
NUMBER OF SEQ ID NOS: 74
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APPLICANT: Taylor, Steven W.
APPLICANT: Glenn, Gary M.
APPLICANT: Glenn, Gary M.
APPLICANT: Warnock, Dale E.
TITLE OF INVENTION: TRAGETS FOR THERAPEUTIC INTERVENTION
TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
FILE REFERENCE: 660088.465
CURRENT APPLICATION NUMBER: US/10/408,765A
CURRENT FILING DATE: 2003-04-04
NUMBER OF SEQ ID NOS: 3077
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2385
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                                                                                                                                                                                      SOFTWARE: PERL Program
SEQ ID NO 1
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           ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20020182671A1 112301CD1
-09-965-529-1
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TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                       TYPE: PRT
                                                                                                                                                                  LENGTH: 351
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   56 I-SPELLAHLLGQAMAHAPQPLLPMRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKEW 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        86 IPGKGGSWEVVVKPRNPDDEFLSRLNYFLKDEGRSMTDVARALGCCSLPAESLDAEVMPQ 145
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US-09-804-014A-16
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Best Local S
Matches 128
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                                                                                                                                                   Query Match
Best Local
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SEQ ID NO 16
LENGTH: 351
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APPLICANT: Shimkets, Richard
APPLICANT: Shimkets, Richard
APPLICANT: Spaderna, Steven
APPLICANT: Majumder, Kumud
TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoding Same
FILE REFERENCE: 15966-721 US
CURRENT APPLICATION NUMBER: US/09/804,014A
CURRENT FILING DATE: 2002-04-24
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APPLICANT: Pac
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PRIOR TILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR FILING DATE: 2000-03-17
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PRIOR APPLICATION NUMBER: 60/188,277
PRIOR FILING DATE: 2000-03-10
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NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/189,139
PRIOR FILING DATE: 2000-03-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/188,316
                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/190,231
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                     61 LAHLLGQAMAHAPQPLLP-MRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKEWPVTEA 119
                                                                                        1 VQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFRALGQEGVSPATVPCISPEL
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                                                                                                                                                   Similarity
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                                                                IPGKGGIWRVIFKPPDPDNTFLSRLNEFLAGEGMTVGELSRALGHENGSLDPEQGMIPEM
WAPMLAQAL-EALQPALQCLKYKKLRVFSGRESPEPGEEEFGRWMFHTTQMIKAWQVPDV
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                                                                                                                                 40.8%; Score 596.5; DB 1
ilarity 48.3%; Pred. No. 5.3e-44;
Conservative 49; Mismatches 75
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US-10-341-434-10
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Sequence 10, Application US/10341434
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SEQ ID NO 1
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TYPE: PRT
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nes 128; Conserv
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                                                                                    DGPAPGFLQLLVLIKDYEAAEEEEA 340
                                                                                                                 QGPPPSFLELMKVIRE---EEEEEA 258
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APPLICANT: TANG, Y. Tom; BANDMAN, Olga
APPLICANT: BURFORD, Neil; AZIMZAI, Yalda
APPLICANT: BURFORD, Neil; AZIMZAI, Yalda
APPLICANT: BURFORD, Neil; AZIMZAI, Yalda
APPLICANT: BATTERSON, Chandra
TITLE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS
FILE REFERENCE: PF-0731-1 US/09/969,680A
CURRENT APPLICATION NUMBER: US/09/969,680A
CURRENT FILING DATE: 2001-10-02
PRIOR RILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/149,641
PRIOR FILING DATE: 1999-08-17
PRIOR FILING DATE: 1999-08-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20030124649A1 112301CD1
                                                                  180 EGEKVSAYVLRLETLLRKAVEKRAIPRRIADQVRLEQVMAGA---TLNQMLWCRLRELKD 236
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                                                                                                                                                                                                                                                                                142 WAPMLAQAL-EALQPALQCLKYKKLRVFSGRESPEPGEBEFGRWMFHTTQMIKAWQVPDV 200
                                                                                                                                                                                                                                                                                                                    61 LAHLLGQAMAHAPQPLLP-MRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKEWPVTEA 119
                                                                                                                                                                                                                                                                                                                                                                                                                           82 IPĠKĠĠIWRVIFKPÞDPDNTFLSRLNEFLAGEGMTVGELSRÁLĠHENGSLDPEQGMIPEM 141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 VQGKGGVWKVIFKTPNQDTBFLERLNLFLEKEGQTVSGMFRALGQEGVSPATVPCISPEL
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DEEKLSAYVLRLEPLLQKLVQRGAIERDAVNQARLDQVIAGAVHKTIRREL---
                                                                                                                                                                                                          EKKRWLAESLRGPALDLMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKTYQE 179
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                                                                                                                                               EKRRRLLESLAGPALDVIRVLKINNPLITVDECLQALEEVFGVTDNPRELQVKYLTTYQK
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Pred. No. 5.3e-44;
9; Mismatches 75
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FILE REFERENCE: 2581.1004-004
CURRENT APPLICATION NUMBER: US/10/037,860
CURRENT FILING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR FILING DATE: 1998-11-10
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FASELSEQ for Windows Version 4.0
SEQ ID NO 7
LENGTH: 195
TYPE: PRT
ORGANISM: homo sapiens
US-10-037-860-7
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; ORGANISM: Homo sapiens
US-10-341-434-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 7, Application US/10037860 Publication No. US20020123114A1 GENERAL INFORMATION:
                                                                   Query Match
Best Local Similarity
Matches 113; Conserv
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Best Local
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LENGTH: 351
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalmau
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: MA FAMILY POLYPEPTIDES AND ANTI-MA
TITLE OF INVENTION: ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Origene Technologies
TITLE OF INVENTION: Differentially Regulated Prostate Cancer Genes
FILE REFERENCE: 9U 204 205 R1
CURRENT APPLICATION NUMBER: US/10/341,434
CURRENT FILING DATE: 2003-07-18
PRIOR APPLICATION NUMBER: US 60/348,164
PRIOR FILING DATE: 2002-01-15.
PRIOR PILING DATE: 2002-01-15.
PRIOR APPLICATION NUMBER: US 60/348,119
PRIOR PILING DATE: 2002-01-15.
PRIOR FILING DATE: 2002-01-15.
PRIOR PILING DATE: 2002-01-15.
PRIOR PILING DATE: 2002-01-15.
PRIOR FILING DATE: 2002-01-15.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 201
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               142 WAPMLAQAL-EALQPALQCLKYKKLRVFSGRESPEPGEEEFGRWMFHTTQMIKAWQVPDV 200
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1 VQKKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFRALGQEGVSPATVPCISFEL
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Similarity 48.3%; Pred. No. 5.3e-44;
28; Conservative 49; Mismatches 75
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DEEKLSAYVLRLEPLLQKLVQRGAIERDAVNQARLDQVIAGAVHKTIRREL-----HLPE
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                                                                 40.6%; Score 593; DB 13; ilarity 98.3%; Pred. No. 4.9e-44; Conservative 1; Mismatches 1;
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                                                                                                                   Length 195;
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Sequence 40. Application US/09804014A

Publication No. US20030064489A1

GENERAL INFORMATION:
APPLICANT: Li, Li

APPLICANT: Padigaru, Muralidhara
APPLICANT: Pernandes, Elma
APPLICANT: Shimkets, Elma
APPLICANT: Shimkets, Richard
APPLICANT: Shimkets, Richard
APPLICANT: Shimkets, Richard
APPLICANT: Majumder, Kumud
TITLE OF INVENTION: Novel Polypeptides and Nucleic Aci
FILE REFERENCE: 15966-721 US
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: US/09/804,014A
PRIOR APPLICATION NUMBER: 60/188,316
PRIOR FILING DATE: 2000-03-10
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US-10-037-860-4
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PRIOR FILING DATE: 1998-11-10
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 38.6%; Score 564; DB 13; Best Local Similarity 47.0%; Pred. No. 3.5e-41; Matches 117; Conservative 47; Mismatches 73
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalmau
APPLICANT: MyEna R. Rosenfeld
TITLE OF INVENTION: Ma FAMILY POLYPEPTIDES AND ANTI-MA
TITLE OF INVENTION: MATISODIES
FILE REFERENCE: 2581.1004-004
CURRENT APPLICATION NUMBER: US/10/037,860
CURRENT FILING DATE: 2001-01-04
CURRENT FILING DATE: 2001-01-04
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              122 KRWLAESLRGPALDLMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKTYQEEG 181
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GPGPKPLSV 324
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RESULT 14
US-09-804-014A-39
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                                                              CURRENT APPLICATION NUMBER: US/09/804,014A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/188,316
PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/188,277
PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR FILING DATE: 2000-03-14
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/189,140
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches 113; Conservative
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SEQ ID NO 40
LENGTH: 318
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Best Local Similarity
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PRIOR FILING DATE: 2000-03-17
NUMBER OF SEQ ID NOS: 75
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PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/139,140
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR APPLICATION NUMBER: 60/190,401
                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoding FILE REFERENCE: 15966-721 US
                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
NAME/KEY: VARIANT
LOCATION: (20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Wherein Kaa is any amino acid as defined in OTHER INFORMATION: specification
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                     APPLICATION NUMBER: 60/190,231 FILING DATE: 2000-03-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          182 EKVSAYVIRLETILRKAVEKRAIPRRIADQVRLEQVMAGA----TLNQMLW 228
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SEQ ID NOS:
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Padigaru, Pur
Padigaru, Pur
Padigaru, Pur
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                                                                                                                                                                                                                                                                                                                                                                                                                                        Spaderna, Steven
Majumder, Kumud
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Shimkets, Richard
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Pred. No. 4.6e-41;
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RESULT 15
US-09-804-014A-73
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CURRENT APPLICATION NUMBER: US/09/804,014A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/188,316
PRIOR FILING DATE: 2000-03-10
PRIOR FILING DATE: 2000-03-10
PRIOR PRILING DATE: 2000-03-10
PRIOR PRILING DATE: 2000-03-10
PRIOR PRILING DATE: 2000-03-10
PRIOR FILING DATE: 2000-03-14
PRIOR FILING DATE: 2000-03-14
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/189,140
PRIOR APPLICATION NUMBER: 60/189,140
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR PRILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
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                                                                                        US-09-804-014A-73
Ouery Match DB 10;
Best Local Similarity 50.9%; Pred. No. 5.6e-40;
Matches 113; Conservative 41; Mismatches 66;
                                                                                                                                                                               NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn Ver. :
SEQ ID NO 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Li, Li
APPLICANT: Padigar
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SEQ ID NO 39
LENGTH: 321
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Majumder, Kumud
TITLE OF INVENTION: Novel Polypeptides and Nucleic
FILE REFERENCE: 15966-721 US
                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/190,231 PRIOR FILING DATE: 2000-03-17
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TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                         ENGTH:
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Local Similarity 48.6%; Pred. No. 7.7e-41;
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EKRRILLESLRGPALDVIRVLKINNPLITVDECLQALEEVEGVTDNPRELQVKYLTTYQK 260
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Shimkets, Richard
Spaderna, Steven
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1 VQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFRALGQEGVSPATVPCISPEL 60

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BE IPGKGGIWRVIFKPPDPDNTFLSRLNEFLAGEGMTVGELSRALGHENGSLDPEQGMIPEM 141

QY
61 LAHLLGQAMAHAPQPLLE-MRYRKLRVFSGSAVPAPEEESFEVWLEQATEIVKEWPVTEA 119
Db 142 WAPMLAQAL-EALQPALQCLKYKKLRVFSGRESPEPGEEEFGRWMFHTTQMIKAWQVPDV 200

QY
120 EKKRWLAESLRGPALDLMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKTYQE 179
Db 201 BKRRLLESLRGPALDLWHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKTYQE 179
Db 201 BKRRLLESLRGPALDVIRVLKINVPLITVDECLQALEEVFGVTDNPRELQVKYLTTYQK 260

QY
180 EGEKVSAYVLRLETLLRKAVEKRAIPRRIADQVRLEQVMAGA 221
Db 261 DEEKLSAVVLRLEPLLQKLVQRGAIERDAVNQARLDQVIAGA 302

Search completed: April 8, 2005, 13:35:15

Job time: 64.2213 secs
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Listing first 45 summaries
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Match
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Gapop 10.0 , Gapext 0.
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2423
1 MPLTLLQDWCRGEHLNTRRC.....VESGNGNWAWDKSHPKSKAK 463
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(c) 1993 - 2005 Compugen Ltd
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US-09-189-527-4
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Sequence 2, Appli
Sequence 20182, Appl
Sequence 20182, Appl
Sequence 11663, A
Sequence 14780, A
Sequence 14780, A
Sequence 11846, A
Sequence 11846, A
Sequence 1259, Ap
Sequence 2058, Ap
Sequence 25726, A
Sequence 26726, A
Sequence 27, Appli
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Best Local
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                                                  307
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                                                                                                                                                                                                                               LELAQDIDYALLPREIPGKGGPWEVIVKPRNSDGEFLNRLNRFLEEERRTVSDMNRVLGS
    PLPASGNSFDARPSQGYRRRRGRGQHRRGGVARAGSRGSRKRKRHTFCYSCGEDGHIRVQ
                                        LRDKLKLMKQRRKPPGFLALVKLLREEEEWEATLGPDRESLEGLEVAPRPPARITGVGAV
                                                                                      KIAQVKLCKAYQEAGEKVSSFVLRLEPLLQRAVENNVVSRRNVNQTRLKRVLSGATLPDK
                                                                                                                      TTEMLOMWQVPEGEKRRIMECLRGPALQVVSGLRASNASITVEECLAALQQVFGPVESH
                                                                                                                                                                      DTNCSAPRVTISPEFWTWAQTLGAAVQPLLEQMLYRELRVFSGNTISIPGALAFDAWLEH
                                                                                                                                                                                    DTNCSAPRVTISPEFWTWAQTLGAAVQPLLEQMLYRELRVFSGNTISIPGALAFDAWLEH
                                                                                                                                                                                                                  LELAQDIDYALLPREIPGKGGPWEVIVKPRNSDGEFLNRLNRFLEBERRTVSDWMRVLGS
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| 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 28 |
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| 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 97 | 97 | 97 | 97 | 97 | 97 | 97.5 | 97.5 | 97.5 | 98 | 98.5 | 98.5 |
| 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 | 4.1 |
| 920 | 849 | 804 | 773 | 771 | 406 | 2108 | 1958 | 545 | 541 | 524 | 181 | 2154 | 2154 | 776 | 819 | 820 | 733 |
| 4 | 4. | .4 | 4, | 4 | 4 | 4 | _ | 4 | 4 | 4 | 4. | 4 | N | 4. | 4 | 4, | 4. |
| US-09-252-991A-28918 | US-09-252-991A-17953 | US-09-913-301-2 | US-09-913-301-5 | US-09-252-991A-20455 | US-09-252-991A-24973 | US-09-252-991A-31502 | US-07-945-283-2 | US-09-107-433-3227 | US-09-252-991A-30867 | US-09-583-110-3291 | US-09-252-991A-26482 | US-09-431-184A-4 | US-08-841-349-4 | US-09-252-991A-28446 | US-09-902-540-13635 | US-09-252-991A-23346 | US-09-489-039A-12568 |
| Sequence 28918, | Sequence 17953, | Sequence 2, Appl | Sequence 5, Appli | Sequence 20455, . | Sequence 24973, A | Sequence 31502, . | Sequence 2, Appli | Sequence 3227, A | Sequence 30867, | Sequence 3291, Ap | Sequence 26482, | Sequence 4, Appl | Sequence 4, Appli | Sequence 28446, A | Sequence 13635, A | Sequence 23346, | Sequence 12568, |

ALIGNMENTS

FILE REFERENCE: SLK98-01 CURRENT APPLICATION NUMBER: US/09/189,527A CURRENT FILING DATE: 198-11-10 NUMBER OF SEQ ID NOS: 14 SOFTWARB: PastSEQ for Windows Version 3.0 SEQ ID NO 13 LENGTH: 462 TYPE: PRT ORGANISM: homo sapiens US-09-189-527-13 Sequence 13, Application US/09189527A Patent No. 6387639 GENERAL INFORMATION: APPLICANT: Jerome B. Posner APPLICANT: Josep O. Dalmau APPLICANT: Myrna R. Rosenfeld TITLE OF INVENTION: Ma Family Polypeptides and Anti-Ma TITLE OF INVENTION: Antibodies 98.8%; Score 2394; 100.0%; Pred. No. 4 Mismatches 4.9e-247; DB 3; Length 462 Indels

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CURRENT APPLICATION NUMBER: US/09/189,527A
CURRENT FILING DATE: 1998-11-10
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FABSUSEQ for Windows Version 3.0
SEQ ID NO 4
LENGTH: 329
TYPE: PRT
ORGANISM: homo sapiens
US-09-189-527-4
               Sequence 7, Application US/09189527A
Patent No. 6387639
GENERAL INFORMATION:
APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalmau
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: Ma Family
Follypeptides and
TITLE OF INVENTION: Antibodies
FILE REFERENCE: SLK98-01
CURRENT APPLICATION UMBER: US/09/189,527A
CURRENT FILING DATE: 1998-11-10
NUMBER OF SEQ ID NOS: 14
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                                                                                                                                                                                                                                                                           RESULT 3
US-09-189-527-7
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US-09-189-527-4
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Best Local Similarity
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APPLICANT: Josep O. Dalmau
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: Ma Family Polypeptides
TITLE OF INVENTION: Antibodies
FILE REFERENCE: SLK98-01
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FastSEQ for Windows Version 3.0
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ITITLE OF INVENTION: INTERACTING POLYPEPTIDES FOR
ITITLE OF INVENTION: AUTOANTIGENS OF AUTOIMMUNE DISE
FILE REFERENCE: 101918-200 (OCR-941)
CURRENT APPLICATION NUMBER: US/09/368,590
CURRENT FILING DATE: 1999-08-04
EARLIER APPLICATION NUMBER: 60/095,657
EARLIER APPLICATION NUMBER: 60/095,657
NUMBER OF SEQ ID NOS: 8
SOFWMARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 7
LENGTH: 195
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Patent No. 6187563
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                                                                                                                                                                                                                                                                                                                                      106 LNRFLEEERRTVSDMNRVLGSDTNCSAPRVTISPEFWTWAQTLGAAVQPLLEQMLYRE--
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                                                                                                                                                                                                                                                                                                                                                                                                                       60 ENAQAILLELAQDIDYALLPREIPGK------GGPWEVIVKPRNSDGEFL---NR 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  61 ANAVLLELLEDTDVSAIPSEVQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMF
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                                                                                                                                                                                                                                                     -LRVFSGN--TISIPGA-----LAFDAWLEHTT----EMLQMWQVPEGEKRRRLMEC---
    ATLPDKL----RDKLKLMKQRRKPPGFLALVKLLREEEEWEATL---GPDRESLE-
                                                                                                                            QLFLRDLRQALVVLRNQEMALSGAELPGTVESVEEALKQHRDFLTTMELSQQKMQVAVQA 959
                                                                                                                                                                  ---LRG--PALQVVSG--LRASNASI--TVEECLAALQQVFGPVESHKIAQVKLCKAYQE
                                                                                                                                                                                                                                                                                            LORFLHDLDAFLDWLVRAQEAAGGSEGP----LPNSLEEADALLARHAALKEEVDQREED
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                                           AEGLLRQGNIYGEQAQEAVTR---LLEKNQENQLRAQQWMQKLHDQLELQHFLRDCHELD 1016
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                                                                                   GEKVSSFVLRLEPLLQRAVENNVVSRRNV----NQTRLKRVLS-----G
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US-09-949-016-8626
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                                                                                                     RESULT 6
                                                                                    US-09-252-991A-20182
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NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 8626
LENGTH: 706
Sequence 20182, Application US/09252991A
PATENT NO. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AV
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PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
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ORGANISM: Human
-09-949-016-8626
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CURRENT FILLING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: CL001307
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                                                                                                                                                                                  LVKL-----LREEEEWEATLGPDRESLEGLEV 352
                                                                                                                                                                                                                     ROQVENRVVEEAKGLLDKVKDGGYRP--AEDKIFPVPEEPPVKKLMRTSTPPPASVINNM
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     SEQUENCES RELATING
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Best Local
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                                                                                                                                                                                    Local Similarity
        118
                                                                                                                                                                        97;
       SDMNRVLGSDTNCSAPRVTISPEFWTWAQTLGAAVQPLLEQMLYRELRVFSGNTISIPGA 177
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Sequence 53, Application US/09919497
Patent No. 6773883
GENERAL INFORMATION:
APPLICANT: Mutter, George L.
TITLE OF INVENTION: PROGNOSTIC CLASSIFICATION OF
FILE REFERENCE: B0801/7225
CURRENT APPLICATION NUMBER: US/09/919,497
CURRENT ETLING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: US 60/221,735
PRIOR APPLICATION NUMBER: US 60/221,735
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CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR PRIOR HOLD NUMBER: US 60/094,190
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 20182
LENGTH: 341
TYPE: PRT
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US-09-252-991A-20182
                                                                                                                                                                                                                                                                                                                          ; ORGANISM: Homo sapiens
US-09-919-497-53
                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 100
SOFTWARE: Patentin version 3.0
SEQ ID NO 53
LENGTH: 373
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity 24.3 les 66; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     123 HRPALRDPRHRRLPP---AVPRRDLRPDHGQPRAGPARRGLRRGHRGGLRAARFRLHFPA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   240 LAVPGOCRRRHDRGNPLRTGHR--HPAGVFGH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               257 -----YQEA-----GEKVSSFVLRLEPLLQRAVENNVVSRRNVNQTRLKRVLSGATLPDK 306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          208 CLRGPALQVVSGLRASNASITVEECLAALQQVFGPVESHKIAQVKLCKA-------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            68 PPAQPYHSSHRPHRGRPALPAALRADPRLRRGSRGR--SQRRPCPTRRQ---AEAAFDDR 122
                                                     73 IDYALLPREIPGKGG-----PWE------VIVKPRNSDGEFLNRLNRFLEEERRTV 117
                                                                                                        20 VVCGVSEQTTCQEVVIALAQAIGQTGRFVLVQRLREKERQLLPQECPVGAQATCGQFASD
                                                                                                                                                            22 LILGIPEDCGEDEFEETLQEACRHLGRYRVIGRMFRREE-----NAQAILLELAQD
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VQF-VLRRTGPSLAGRPSSDSCPPPERCLIRASLPVKPRAALG-----CEPRKTL
                                                                                                                                                                                                               4.5%; Score 110; DB 4; ilarity 24.2%; Pred. No. 0.0092; Conservative 49; Mismatches 144
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                                                                                                                                                                                                                                                                    Length 373;
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US-09-949-016-11663
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PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11663
LENGTH: 384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 11663, Appl Patent No. 6812339 GENERAL INFORMATION:
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Best Local
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-26
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
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97; Conserv
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                                                                                                                                                                                                                                                                                                                 VQF-VLRRTGPSLAGRPSSDSCPPPERCLIRASLPVKPRAALG-----CEPRKTL
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                                                                                                                               ALQQVFGP-----VESHKIAQVK----LCKAYQEAGEKVSSFVLRLEPL 274
                                                                                                                                                                    EAF--W----EQELRREQAREREGQARL-QALSAATAEHAARLQALDAQARALEAELQLA
                                                                                                                                                                                                                                                                             SDMNRVLGSDTNCSAPRVTISPEFWTWAQTLGAAVQPLLEQMLYRELRVFSGNTISIPGA 177
                        AQELEELN --- RELROCNLOQFIQQTGAALPPPPRPD---
                                                         LORAVENNVVSRRNVNOTRIKRVI--SGATLPDKLRDKLKLMKORRKPPGFLALVKLLRE 332
                                                                                           A--EAPGPPSPMASATERLEGDLAVQERQSAEVQGSLALVSRALEAAERA-----LQAQ 287
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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24.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             49;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 110; DB 4; Length 384; Pred. No. 0.0097;
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                          --RGPPGTQGPLPPARE 336
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Sequence 14780, Application US/09902540

Patent No. 6833447

GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Seq.
FILE REFERENCE: 38-10(15849)B
CURRENT APPLICATION UNMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
ORIGINAL ORDER: 2000-07-10
PRIOR FILING DATE: 2000-07-10
SEQ ID NO 14780
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CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 32743
LENGTH: 718
RESULT 10
US-09-902-540-14780
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GENERAL INFORMATION:
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TITLE OF INVENTION: NUCLEIC ACID AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Pseudomonas aeruginosa
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         281 ------NNVVSRRNVNQTRLKRVLSGATLPDKLRDKLKLMKQRRKPPG----FLALV 327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              122 PEKPHHVERPRHVDAYRQPGQRATR---RLSPRPGPRRRRTDRHAGGGGPRQRALHLARA 178
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                                                                                         AHQPAPGGRG---
                                                                                                                                       KQAAVESGNGNWAWDKSHPKSK 461
                                                                                                                                                                                                                                                                            -GEPPQGWLQRRPRCPPAFPPRSAGGGARGHLRGLHRRPAPVRRRARPRGSQRKRVAAGG
                                                                                                                                                                                                                                                                                                                             DARPSQGYRRRRG-----
                                                                                                                                                                                                                                                                                                                                                                                                                 KLLREEEEWEATLGPDRESLEGLEVAPRPPAR-ITG------VGAVPLPASGNSF 375
                                                                                                                                                                                   RGGPGRAGLPAHRRRHFGLPRRRHSYRPA---DGH-RAGLPGPRSQYLQGAPGDPAVRHR
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                                                                                              HPRPR 417
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PRIOR PILING DATE: 2001-07-10
PRIOR FILING DATE: 2000-07-10:
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 11866
LENGTH: 312
TYPE: DET
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APPLICANT: Goldman, Barry S.

APPLICANT: Hinkle, Gregory J.

APPLICANT: Slater, Steven C.

APPLICANT: Wiegand, Roger C.

APPLICANT: Wiegand, Roger C.

TITLE OF INVENTION: Myxococcus xanthus Genome

FILE REFERENCE: 38-10(15849)B;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 11866, Application US/09902540 Patent No. 6833447
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Best Local Similarity
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Best Local
                                                                                                                                                                            Matches
                                                                                                                                                                                                                                               ORGANISM: Myxococcus xanthus
                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: CURRENT FILING DATE: 2001-0
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TYPE: PRT
                                                                                                                                                                           Local Similarity
nes 67; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   346 SLEGLEVAPRPPARITGVGAVPLP----ASGNSFDARPSQGYRRRRGRGQHRR 394
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         351 IPISRSTGPEES-------QEGRPSVSQVV---EDLLAGFVQSARLPRRIAERCR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  250
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            234 AALQQVFGPVESHKIAQVKLCKAYQEAGEKVSSFVLRLEPLLQRAVENNVVSRRNVNQTR
                                                                      275
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LDIESRTYAAMEG-AVEDLPRCAPARLLEETFRLIRGG-VSAPALKLLDA-----LDALK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ISPEFWTWAQTLGAAVQPLLE----OMLYRELRVFSGNTISIPGALAFDAWLEHTTEMLQ 192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LLPREIPGKGGPWEVIVKPRNSDGEFLNRLNRFLEEERRTVSDMNRVLGSDTNCSAPRVT 136
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ILLPPVNAYLKOHGKEGEKTFYAFAESLDRR------VSAGEALDDAILLAMLL 350
                                                                                                                                       ITVEECLAALQQ--VFGEVESHKIAQVKLCKAYQEA------GEKVSSFVLRLEPL 274
 GFLALVKLLREESEWEATLGPDRESLEGLEVAPRPPARITGVGAVPLPASGNSFDARP--
                                                                    LQRAVB-NNVVSRRNVNQTRLKRVLSGATLPDK----LRDKLKLMKQRR------KPP 321
                                                                                                        IELERSLDAMDHFAVLGLKPGAPASEVK--QAYYNASRRFHPDRYFGKNLGSFRARMERI
                                   Conservative
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24.0%; Pred. No. 0.058;
ative 45; Mismatches 1
                                                                                                                                                                                4.3%; Score 104; DB
24.0%; Pred. No. 0.03;
Btive 30. Microscients
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                                                                                                                                                                                                                DB 4;
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                                                                                                                                                                                84;
                                                                                                                                                                                                                Length 312;
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SEQ ID NO 11848
LENGTH: 383
TYPE: PRT
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APPLICANT: Gary Br
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: GATY Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Klebsiella pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                      / Match 4.3%; Score 104; DB 4 Local Similarity 22.5%; Pred. No. 0.042; Pee 60; Conservative 44; Mismatches
                                         347
                                                                                                                                                                   198
                                                                                                                                                                                                                                                                                        174 IPGALAFDAWLEHTTEMLQMWQVPEGEKRRRLMECLRGPALQVVSGLRASNASITVEECL
                                                                                                                                                                                                                                                                                                                                                                        114 RRTVSDMNRVLGSDTNCSAPRVTISPEFWTWAQTLGAAVQPLLEQMLYRBLRVFSGNTIS 173
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    295
                                                                                                                   290 NQTRL-KRVLSGATLPDKLRDKLKLMKQRRKPPGFLALVKLLRE--EBEWEATLGPDRES 346
                                                                                                                                                                                                          234
                                                                                238 NKSRLVAEHFDWCHTVDRLKIATRLNEOR---PAHLPPLKVLIQINISDEQSKSGIPLEA
                                                                                                                                                                                                   AALQQVFGPVESHKIAQVKLCKAYQEAGEKVSSFVLRLEPLLQRA----VENNVVSRRNV 289
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                                                                                                                                                                   AAGORAFG--ENY-----VQEGVEKINHF-----QQAGVSGLQWHFIGPLQS
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                                       LEGL--EVAPRPPARITGVGAVPLPAS 371
                                                                                                                                                                                                                                               ISGAAA-----RCGRAPEEVTLLAVSKTKPASAIEEAI 197
LDGLAAEIAELPHLELRGLMAIPAPES 321
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Sequence 7309, Application US/09949016

Patent No. 681339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USE:
TITLE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

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US-09-949-016-7309
                                                                                                                                                                                                                     APPLICATION NUMBER: US 60/051,553
PRIOR FILING DATE: 1997-07-02
RENGER FILING DATE: 1998-05-12
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: US 60/051,553
PRIOR APPLICATION NUMBER: US 60/051,553
PRIOR FILING DATE: 1998-05-12
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PRIOR FILING DATE: 1998-05-12
PRIOR FILING DATE: 1998-05-12
PRIOR FILING DATE: 1998-05-12
PRIOR FILING DATE: 1998-05-12
PRIOR FILING DATE: 1997-07-02
NUMBER OF SEQ ID NOS: 5322
SEQ ID NO 5058
LEEGTH: 551
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5058, Application US/09583110 Patent No. 6699703 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FRSTSEQ for Windows Version
SEQ ID NO 7309
LENGTH: 2600
TYPE: PRT
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Best Local :
                                                                                                                                                                       ORGANISM: Streptococcus pneumoniae -09-583-110-5058
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        / Match 4.3%; Score 104; DB 4; Length 2600;
Local Similarity 23.3%; Pred. No. 1;
nes 84; Conservative 52; Mismatches 125; Indels 100;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1340 QLELQHFLRDCHELDGWIHEKMLMARDSTREDNHKLHKRWLRHQAFMAELAQNKEWLEKI 1399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1238 QLFLRDLRQALVVLRNQEMALSGAELPGTVESVEEALKQHRDFLTTMELSQQKMQVAVQA 1297
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1182 YARIVAASEALLAADGABLGPGLALDEWLPHLELGWHKLLGLWEA----RREALVQAHIY 1237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1071 EPRQAALLEEA-----ALLAERFPAQAARLHQGAEELGAEWGALASAAQACGEAVAAAGR 1125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 260
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        310 KLKL---MKQRRKPPGFLALVKLL-----REE------EEWEATLGPDRESLEGL 350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           164 -LRVFSGN--TISIPGA-----LAFDAWLEHTT----EMLQMWQVPEGEKRRLMEC---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  209 ---LRG--PALQVVSG--LRASNASI--TVEECLAALQQVFGPVESHKIAQVKLCKAYQE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         106 LNRFLEBERRTVSDMNRVLGSDTNCSAPRVTISPEFWTWAQTLGAAVQPLLEQMLYRE--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6
                                       31 GEDEFEETLQEA--CRHLGRYRV--IGRMFRREENAQAILL----ELAQDIDYALLPREI
                                                                                    l Similarity
91, Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     E 351
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AEGLLRQGNIYGEQAQEAVTRL------LEKNQENQLRAQQWM-----QKLHD 1339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          A-----GEKVSSFYLRLEPLLQRAVENNVVSRRNVNQTRLKRVLSGATLPDKLRD 309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LORFLHDLDAFLDWLVRAQEAAGGSEGP----LPNSLEEADALLARHAALKEEVDQREED 1181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GVDEIREIRDKSTYAPSLARYKVYIIDEVHMLSTGAFNALLKTLEEPTQNVVFILATTEL
                                                                                  4.3%; Score 103; DE llarity 21.5%; Pred. No. 0.09 Conservative 63; Mismatches
                                                                                                     DB 4; Length 551;
                                                                                    163;
                                                                                  Indels
                                                                                    106;
                                                                                  Gaps
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US-09-252-991A-32259
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS
FILE REFERENCE: 107196.136
FILE REFERENCE: 107196.136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR TILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 32259
LENGTH: 1201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION 1998-02-18
PRIOR PILING DATE: 1998-02-18
                                                                                                                                                                                                                                                                                                                                                                                          Best Local
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 32259, Application US/09252991A Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
                                                                                    193
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                                                                                                                                                                                                                                                                                                                                               37 ETLQEACRHLGRY-----
                                                                                                                                                                                                                                                                                                                                                                                          98;
                                                                                                                                                                                                                                                                                                                                                                                                               Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                VARLKQELSNAGAVPKQVAPAPSRPATGKTVYRVDRNKVQSILQEAVENPDLARQNLIRL
                                                                                                                              P------LETRVSEGE--ERLAAARDEQRELEGAREQVRRQVQEEGRRHGE----- 746
                                                                                                                                                                                                                                                          PGKGGPWEVIVKPRNSDGEFLNRLNRFLEEE------RRTVSDMNRVLGSDTNCSA 132
                                                                                                                                                                                                                                                                                                     ETLEQALAQRGALDDGESLISRDGYWVGRHFLRVRRSDEAQGGMIARAQELE-ALQERRE 703
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MKR 481
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RRR 387
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BEEW----BATLGPDRESLEGLEVAPRPPARITGVGAVPLPASGN----SFDARPSQGYR 384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         QTRLKRVLSGA-TLPDKL------RDKLKLMKQRRKPPGFLALVKLLRE 332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NLF---EMIRLATVNLADIKSSLQPKIYAEMMTVRLAEIKPEPALSGAVENEIATLRQ-E 373
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 QVFGPVESHKIAQVKLCKAYQEAGEKV--SSFVLRL----EPLLQRAVENNVVSRRNVN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        QQDVPKALSCLNLLFDNGKSMTRFVTDLLHYLRDLLIVQTGGENTHHSSVFVENLALPQK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MWQVPE-----GEKRRR----LMECLRGPALQVVSGLRASNASITVEECLAALQ
VSGLRASNASITVEECLAALQQVFGPVESHKIAQVKLCKAYQEAGEKVSSFVLRLEPLL
                                           LEQEQLSEARLTLQEALDSMALDTERRETLLAERDALRERLDRIRQDARTHKDHAHQLAV 840
                                                                                    MWQVPEGEKRRRLMECLRGPALQV-----
                                                                                                                                                                   PRVTISPEFWTWAQTLGAAVQPLLEQMLYRELRVFSGNTISIPGALAFDAWLEHTTEMLQ 192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PEFWTWAQTLGAAVQPLLEQMLYRELRVFSGNTIS-----IPGALAFDAWLEHTTEMLQ 192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PGKGGPWEVIVKPRNSDGEFLNRLNRFLEEERRT---VSDMNRVLGSDTNCSAPR-VTIS 138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ----ARRAEGGMRDAL-SILDQALSLTQGNELTTAISEEITGTISLSA-LDDYVAALS
                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Rubenfield et al.

NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS APPRICINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                      4.2%; Score 101.5; DB 4; 20.7%; Pred. No. 0.52; tive 58; Mismatches 155;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      -HKIPATILSRVQRFEFKSIKTQDIKEHIHYILEKENISSEPEAVEII
                                                                                                                                                                                                                                                                                                                                            ----RVIGRMF---RREENAQAILLELAQDIDYALLPREI 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ---VGSQPVAANEHHAILAFESNFNAGQT 478
                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 1201;
                                                                                                                                                                                                                                                                                                                                                                                        Indels 163;
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| Search Job ti | 皮 | ş | 90 | ફ | 용 | Ś | DЪ |
|--|--|--------|--|---|--|--|--|
| Search completed: April 8, 2005, 12:52:59 Job time : 37.5652 Becs | 1003 LAAIEEYQQQSERKRYLDSQNDDLAEALETLENVIRKIDRETRNRFKETF 1052 | RRGGVA | 956 ALQEQLAEDGYDLHTVLANLPLDASERDWEERLESLAARIQRLGPIN 1002 | 313 LMKQRRKPPGFLÄLVKLLREEEEWEATLGPDRESLEGLEVAPRPPARITGVGAVP 367 | 896 ERRMAVEDELKQARLALEDADRELREVEKRRGQAEQQSQLLRGQLEQQRLEWQGLVVRRK 955 | 276 QRAVENNVVVSRRNVNQTRLKRVLSGATLPDKLRDKLK 312 | 841 RVGSLKAQHNSTQQALERLDQQSARL-NERCEQLNLNLEEGAAPLEELRMKLEELL 895 |

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Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Total number of hits satisfying chosen parameters:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Post-processing: Minimum Match 0%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Perfect score:
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2423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                April 8, 2005, 12:40:26; Search time 103.433 Seconds (without alignments) 1486.133 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   Published Applications AA:*

1: /cgn2 6/ptodata/1/pubpaa/US07 PUBCOMB.pep:*

2: /cgn2 6/ptodata/1/pubpaa/PCT NEW PUB.pep:*

3: /cgn2 6/ptodata/1/pubpaa/US06 NEW PUB.pep:*

4: /cgn2 6/ptodata/1/pubpaa/US06 PUBCOMB.pep:*

5: /cgn2 6/ptodata/1/pubpaa/US07 NEW PUB.pep:*

5: /cgn2 6/ptodata/1/pubpaa/US07 NEW PUB.pep:*
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Listing first 45 summaries
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Copyright (c) 1993 - 2005 Compugen Ltd.
/ Cgn12_6/ptodata/1/pubpaa/US08_NEW_PUB_Dep:*
/ Cgn12_6/ptodata/1/pubpaa/US08_PUBCOMB_Dep:*
/ Cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB_Dep:*
/ Cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB_Dep:*
/ Cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB_Dep:*
/ Cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB_Dep:*
/ Cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB_Dep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | Մ | 4 | w | 2 | ~ | Result No. |
|-------------------|-------------------|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------|-------------------|-----------------------|
| 740.5 | 742 | 765.5 | 766.5 | 768.5 | 768.5 | 768.5 | 768.5 | 768.5 | 818 | 818 | 883.5 | 2423 | Score |
| 30.6 | 30.6 | 31.6 | 31.6 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 33.8 | 33.8 | 36.5 | 100.0 | Query |
| 312 | 321 | 318 | 329 | 399 | 351 | 351 | 351 | 351 | 353 | 353 | 452 | 463 | Query Match Length |
| 10 | 10 | 10 | 13 | 15 | 15 | 10 | 10 | 9 | 10 | φ | 16 | 13 | DB |
| US-09-804-014A-73 | US-09-804-014A-39 | US-09-804-014A-40 | .US-10-037-860-4 | US-10-094-749-1978 | US-10-341-434-10 | US-09-969-680A-1 | US-09-804-014A-16 | US-09-965-529-1 | US-09-969-680A-7 | US-09-965-529-7 | US-10-408-765A-2385 | US-10-037-860-13 | ar |
| Sequence 73, Appl | Sequence 39, Appl | Sequence 40, Appl | Sequence 4, Appli | Sequence 1978, Ap | Sequence 10, Appl | Sequence 1, Appli | Sequence 16, Appl | Sequence 1, Appli | Sequence 7, Appli | Sequence 7, Appli . | Sequence 2385, Ap | Sequence 13, Appl | Description |

| 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 5 | 34 | ü | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15. |
|--------------|----------|------------|-----------------|----------|--------------|-----------------|-----------------|----------|---------------------|---------|-------------------|--------------|----------------|----------------------|--------------|---------|------------------|----------------------|-----------|---------------------|--------------|---------------------|----------|-------------------|-----------|-----------|-----------|------------------|-----------------|----------|
| 147 | 147 | 148 | 148 | 149 | 149 | 151 | 151 | 152 | 152 | 154 | 154 | 155 | 155 | 155.5 | 156 | 156 | 156 | 156 | 158.5 | 191 | 270 | 322 | 323 | 324 | 332 | 384.5 | 415.5 | ٠ | 462.5 | ٠ |
| 6.1 | 6.1 | 6.1 | 6.1 | | 6.1 | | | | | 6.4 | | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.5 | 7.9 | 11.1 | • | 13.3 | 13.4 | 13.7 | 15.9 | 17.1 | 17.5 | 19.1 | ū |
| 2664 | 1236 | 2155 | 1777 | 3783 | 1711 | 1695 | 1636 | 1696 | 1433 | 2003 | 1360 | 584 | 584 | 1150 | 1828 | 1433 | 1433 | 1394 | 1322 | 538 | 116 | 204 | 149 | 120 | 120 | 337 | 402 | 403 | 195 | 283 |
| 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 15 | 16 | 16 | 15 | 15 | 16 | 16 | 16 | _ | _ | | _ | φ | | | 10 | | | | _ | 13 | 13 |
| -10-437-963- | -10-437- | 0-437-963- | -10-437-963-122 | n | -10-437-963- | -10-437-963-122 | -10-437-963-122 | -963-117 | US-10-374-780A-1035 | Ļ | -10-437-963-18572 | -10-221-278- | -10-291-172-35 | US-10-437-963-122585 | -10-437-963- | 963 | -10-374-780A-104 | US-10-437-963-185722 | -780A-103 | US-10-408-765A-2992 | 09-864-761-3 | US-10-029-386-33747 | -10-037 | US-09-804-014A-41 | 9-804-014 | -10-296-1 | 0-959-539 | US-10-094-466-38 | US-10-037-860-7 | -10-037- |
| Sequence | Sequence | Sequence | Sequence | Sequence | æ | æ | Ф | O | Φ | æ | æ | | æ | | | | | | | æ | Sequence 3 | | | | | Sequence | | Sequence | Sequence | Sequence |
| 117303, | 122619, | 146341, | 122620, | 146318, | 199076, | 122632, | 122665, | | 1035, Ap | 117298, | 185720, | 355, App | 355, App | 122585, | 123225, | 110685, | 1040, Ap | 22 | 1037, Ap | • | 34645, A | 33747, A | 9, Appli | 41, Appl | 42, Appl | 1208, Ap | 26, Appl | • | 7, Appli | 11, Appl |

ALIGNMENTS

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RESULT 1
US-10-037-860-13
US-10-037-860-13
; Sequence 13, Application US/10037860
; Publication No. US20020123114A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                  ; TYPE: PRT ; ORGANISM: homo sapiens US-10-037-860-13
                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13
                                                                                                                                                                                                               Ouery Match 100.0%; Score 2423; DB 13; Length 463; Best Local Similarity 100.0%; Pred. No. 2.4e-210; Matches 463; Conservative 0; Mismatches 0; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalmau
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: MA FAMILY POLYPEPTIDES AND ANTI-MA
TITLE OF INVENTION: ANTIBODIES
FILE REFERENCE: 2581.1004-004
CURRENT APPLICATION NUMBER: US/10/037,860
CURRENT FILING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR FILING DATE: 1998-11-10
                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 463
121 NRVLGSDTNCSAPRVTISPEFWTWAQTLGAAVQPLLEQMLYRELRVFSGNTISIPGALAF 180
                                          0;
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13 T

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406

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APPLICANT: Ghosh, Soumitra S.
APPLICANT: Fahy, Eoin D.
APPLICANT: Zhang, Bing
APPLICANT: Zhang, Bing
APPLICANT: Zhang, Bing
APPLICANT: Zhang, Bing
APPLICANT: Taylor, Steven W.
APPLICANT: Taylor, Steven W.
APPLICANT: Maxnock, Dale E.
CITTLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOM
FILE REFERENCE: 660088.465
CURRENT APPLICATION NUMBER: US/10/408,765A
CURRENT FILING DATE: 2003-04-04
ANUMBER OF SEQ ID NOS: 3077
SOFTMARE: FABSUSQ for Windows Version 4.0
SEQ ID NO 2385
LENGTH: 452
TYPE: PRT
ORGANISM: Homo Bapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               -10-408-765A-2385
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                                                                                                                                                                                                                                                                                                                                                                                                        h 36.5%; Gcore 883.5; DB 16; Length 452;
Similarity 42.6%; Pred. No. 5.6e-71;
01; Conservative 75; Mismatches 155; Indels 41;
                                                                           NAQAILLELAQDIDYALLEREIPGKGGPWEVIVKPRNSDGEFLNRLNRFLEEERRTVSDM
                                                                                                                                                                                                                                                                                                                           MALTILEDWCKGMDMDPRKALLIVGIFMECSEVEIQDTVKAGLQPLCAYRVLGRMFRRED
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GPVESHKIAQVKLCKAYÇEAGEKVSSFVLRLEPLLQRAVENNVVSRRNVNQTRLKRVLSG
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                            GPVESHKIAQVKLCKAYQEAGEKVSSFVLRLEPLLQRAVENNVVSRRNVNQTRI,KRVLSG
                                                                                                                                                               ARALGC --- CSLPAESLDAE -- VMPQVRSPPLEPPKESMWYRKLKVFSGTASPSPGEETF
                                                                                                                                                                                                                                             NAKAVFIELADTVNYTTLPSHIPGKGGSWEVVVKPRNPDDEFLSRLNYFLKDEGRSMTDV
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GDKEDFRASQFRFLQTSPKIGEKVSTFLLRLEPLLQKAVHKSPLSVRSTDMIRLKHLLAR
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APPLICANT: LAL, Preeti
APPLICANT: YUE, Henry
APPLICANT: TANG, Y. Tom
APPLICANT: BANDMAN, Olga
APPLICANT: BANDMAN, Olga
APPLICANT: BANDMAN, Olga
APPLICANT: BANDMAN, Olga
APPLICANT: BAUGHN, Mariah R.
APPLICANT: LU, Dyung Aina M.
APPLICANT: LU, Dyung Aina M.
APPLICANT: PATTERSON, Chandra
ITITLE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS
ITITLE OF INVENTION NUMBER: US/09/965,529
CURRENT APPLICATION NUMBER: US/09/965,529
CURRENT FILING DATE: 1999-08-17; 1999-11-09; 2000-08-14
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL Program
SEQ ID NO 7
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; OTHER INFORMATION: Incyte ID No. US20020182671A1 2483172CD1
US-09-965-529-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 3
US-09-965-529-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 33.8%; Score 818; DB 9; Length 353; Best Local Similarity 49.6%; Pred. No. 3.3e-65; Matches 172; Conservative 52; Mismatches 113; Indels 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 7, Application US/09965529 Publication No. US20020182671A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 353
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                                                                                                                                                                                                                                                            120 ARVLGFQNPTPTPGPEMPAEMLNY--ILDNVIQPLVESIWYKRUTLFSGRDIPGPGBETF
                                                                                                                                                                                                                                                                                                   121 NRVLGSDTNCSAPRVTISPEFWTWAQTLGAAVQPLLEQMLYRELRVFSGNTISIPGALAF 180
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                                                                                                                                                                                                    DAWLEHTTEMLOMWQVPEGEKRRRLMECLRGPALQVVSGLRASNASITVEECLAALQQVF
                                                                                                                                                                                                                                                                                                                                                NAKAALLELTGAVDYAAIPREMPGKGGVWKVLFKPPTSDAEFLERLHLFLAREGWTVQDV
                                                                                                                        GPVESHKIAQVKLCKAYQEAGEKVSSFVLRLEPLLQRAVENNVVSRRNVNQTRLKRVLSG
                                                                                                                                                                                 DPWLEHTNEVLEEWQVSDVEKRRRLMESLRGPAADVIRILKSNNPAITTAECLKALEQVF
                     ANHSGAIRROLWLTGAGEGPAPNLFQLLVQIREEEAKEEEEEAEATL 344
                                                          ATLPOKLROKLKLMKORRKP-PGFLALVKLLR-----EEEEWEATL 340
                                                                                                   GSVESSRDAQIKFLNTYQNPGEKLSAYVIRLEPLLQKVVEKGAIDKDNVNQARLEQVIAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               -----GED-HGQATYPKAENQTPGREGPQAAGEELGNEAGAGAMSHPK 448
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297 300 237 177

119

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; TYPE: PRT
; ORGANISM: Homo Bapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte I:
US-09-969-680A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS
FILE REFERENCE: PF-0731-1 USA
CURRENT APPLICATION NUMBER: US/09/969,680A
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US00/22315
PRIOR APPLICATION NUMBER: US00/22315
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/149,641
PRIOR APPLICATION NUMBER: 60/149,641
PRIOR APPLICATION NUMBER: 60/149,641
PRIOR APPLICATION NUMBER: 60/164,203
PRIOR APPLICATION NUMBER: 60/164,203
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/164,203
PRIOR FILING DATE: 1999-11-09
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL PROGRAM
SOFTWARE: PERL PROGRAM
                                                        Sequence 1, Application US/09965529
Publication No. US20020182671A1
GENERAL INFORMATION:
APPLICANT: LAL, Preeti
APPLICANT: YUE, Henry
APPLICANT: TANG, Y. Tom
APPLICANT: BARDMAN, Olga
APPLICANT: BURFORD, Neil
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US-09-969-680A-7
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Best Local Simi
Matches 172;
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                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 353
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                                                                                                                                                                                                                                                                                                                        298 ANHSGAIRRQLWLTGAGEGPAPNLFQLLVQIREEEAKEEEEEAEATL 344
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           61 NAQAILLELAQDIDYALLPRBIPGKGGPWEVIVKPRNSDGEFLNRLNRFLEEERRTVSDM 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Similarity
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               YUE, Henry
TANG, Y. Tom
BANDMAN, Olga
BURFORD, Neil
AZIMZAI, Yalda
BAUGHN, Mariah I
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BURFORD, Neil; AZIMZAI, Yalda
BAUGHN, Mariah R.; LU, Dyung Aina M.
PATTERSON, Chandra
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; Pred. No. 3.3e-65;
52; Mismatches 113;
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APPLICANT: PATTERSON, Chandra
TITLE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS
FILE REFERENCE: PF-0731 USA
CURRENT APPLICATION NUMBER: US/09/965,529
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/149,641; 60/164,203; PCT/US00/22315
PRIOR FILING DATE: 1999-08-17; 1999-11-09; 2000-08-14
NUMBER OF SED ID NOS: 74
SOFTWARE: PERL PROGram
SED ID NO 1
LENGTH: 351
TYPE: PRT
ORGANISM: Homo sapiens
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, NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID
US-09-965-529-1
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RESULT 6
US-09-804-014A-16
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Matches
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                                                                  MTLRLLEDWCRGMDMNPRKALLIAGISQSCSVAEIEEALQAGLAPLGEYRLLGRMFRRDE
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US-09-804-014A-16

/ Sequence 16, Application US/09804014A

/ Publication No. US20030064489A1

/ Replication No. US20030064489A1

/ Replication No. US20030064489A1

/ Replicant: Li, Li

/ APPLICANT: Li, Li

/ APPLICANT: Padigaru, Muralidhara

/ APPLICANT: Shinkets, Richard

/ APPLICANT: Shinkets, Richard

/ APPLICANT: Shinkets, Richard

/ APPLICANT: Spaderna, Steven

/ APPLICANT: Majunder, Kumud

/ TITLE OF INVENTION INVEST: US/09/804,014A

/ CURRENT APPLICATION NUMBER: US/09/804,014A

/ CURRENT APPLICATION NUMBER: 60/188,316

/ PRIOR APPLICATION NUMBER: 60/188,316

/ PRIOR APPLICATION NUMBER: 60/189,319

/ PRIOR APPLICATION NUMBER: 60/189,139

/ PRIOR APPLICATION NUMBER: 60/189,139

/ PRIOR APPLICATION NUMBER: 60/189,139

/ PRIOR FILING DATE: 2000-03-14

/ PRIOR APPLICATION NUMBER: 60/189,140

/ PRIOR APPLICATION NUMBER: 60/189,140

/ PRIOR APPLICATION NUMBER: 60/190,401

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APPLICANT: LAL, Preeti; YUE, Henry
APPLICANT: TANG, Y. Tom; BANDMAN, Olga
APPLICANT: BAUGHN, Mei; AZIMZAI, Yalda
APPLICANT: BAUGHN, Mariah R.; LU, Dyung Aina M.
APPLICANT: BAUGHN, Mariah R.; LU, Dyung Aina M.
APPLICANT: BAUGHN, Mariah R.SOCIATED PROTEINS
TITLE OF INVENTION: MEMBRANE ASSOCIATED PROTEINS
FILE REFERENCE: PP-0731-1 USA.
CURRENT EILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US(0)/22315
PRIOR APPLICATION NUMBER: US(0)/2315
PRIOR APPLICATION NUMBER: 60/149,641
PRIOR APPLICATION NUMBER: 60/149,641
PRIOR APPLICATION NUMBER: 60/149,641
PRIOR APPLICATION NUMBER: 60/164,203
PRIOR TILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/164,203
PRIOR FILING DATE: 1999-11-09
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL PROGRAMMER: TYPE: PRI
ORGANISM: HOWO SERIES
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; ORGANISM: Homo sapiens
US-09-804-014A-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 31.7
Best Local Similarity 46.6
Matches 165; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/09969680A
Publication No. US20030124649A1
  Query Match
Best Local Similarity
Matches 165; Conserv
                                                                                 NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20030124649A1 112301CD1
-09-969-680A-1
                                                                                                                                             ORGANISM: Homo sapiens FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NRKVALVGLTAETSHALVEKEIPGKGGIWRVIFKPEDEDNTFLSRLNEFLAGEGMTVGEL
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    Conservative
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46.6%; Pred. No. 1e-60;
vative 60; Mismatches 1
                     31.7%;
  60,
Score 768.5; DB Pred. No. 1e-60; O; Mismatches 1
                                        DB 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 10;
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    Indels
                                        Length 351;
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    Gaps
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; Sequence 10, Application US/10341434
; Publication No. US20030215835A1
; GENERAL INFORMATION:
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TITLE OF INVENTION: Differentially Regulated Pro
FILE REFERENCE: 9U 204 205 R1
CURRENT APPLICATION NUMBER: US/10/341,434
CURRENT FILING DATE: 2003-07-18
PRIOR APPLICATION NUMBER: US 60/348,164
PRIOR APPLICATION NUMBER: US 60/348,119
PRIOR APPLICATION NUMBER: US 60/348,119
PRIOR APPLICATION NUMBER: US 60/348,119
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Best Local Simi
Matches 165;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 238
SOFTWARE: PatentIn version 3.1
SEQ ID NO 10
LENGTH: 351
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                     y Match .31.7%; Score 768.5; DB
Iocal Similarity 46.6%; Pred. No. 1e-60;
hes 165; Conservative 60; Mismatches 1
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                                                                                                                        NRVLGSDINCSAPRVIISPEFWT--WAQTLGAAVQPLLEQMLYRELRVFSGNTISIPGAL
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      SGATLPDKLRDKLKLMKQRRKPPGFLALVKLLRE---EEEWEATLGPDRESLEG 349
                                             VFGVTDNPRELQVKYLTTYQKDEEKLSAYVLRLEPLLQKLVQRGAIERDAVNQARLDQVI
                                                                                 VFGPVESHKIAQVKLCKAYQEAGEKVSSFVLRLEPLLQRAVENNVVSRRNVNQTRLKRVL
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APPLICANT: NAGAI, KEJICHI
APPLICANT: TAMECHIKA, ICHIRO
APPLICANT: TAMECHIKA, ICHIRO
APPLICANT: SEKI, NACHIKO
APPLICANT: SEKI, NACHIKO
APPLICANT: YOSHIKAWA, TSUTOMU
APPLICANT: NAGAHARI, KENJI:
APPLICANT: NAGAHARI, KENJI:
APPLICANT: NAGAHARI, KENJI:
APPLICANT: NAGAHARI, KENJI:
APPLICANT: NAGHARI, KENJI:
APPLICANT: NAGHARI, KENJI:
APPLICANT: NAGHARI, KENJI:
APPLICANT: NAGHARI, KENJI:
APPLICANT: OSTONA NOVEL FULL-LENGTH CDNA
FILE REFERENCEE: 089435/0160
CURRENT APPLICATION NUMBER: US/10/094,749
CURRENT FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 60/350,435
PRIOR APPLICATION NUMBER: 50/350,435
PRIOR APPLICATION NUMBER: 50/350,435
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US-10-094-749-1978
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NUMBER OF SEQ ID NOS: 3381
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 1978
LENGTH: 399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 31.7%; So Best Local Similarity 42.5%; Pr Matches 171; Conservative 72;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1978, Application US/10094749
Publication No. US20030219741A1
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OTSUKI, TETSUJI
WAKAMATSU, AI
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                                                                                                                                                                                                                                                                       AFDAWLEHTTEMLOMWO-VPEGEKRRRLMECLRGPALQVVSGLRASNASITVEECLAALQ
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PRPPARI-TGVGAVP----
                                                                                                           LSGATLPDKLRDKLKLMKQRRKPPGFLALVKLLREEEEEWEATLG----PDRESLEGLEVA
                                                                                                                                                 QVFGDNESQATIRVKCLTAQQQSGERLSAFVLRLEVLLQKAMEKEALARASADRVRLRQM
                                                                LTRAHLTEPLDEALRKLRMAGRSPSPLEMLGLVRESEAWEASLARSVRAQTQEGAGARAG
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YAMAMOTO, JUN-ICHI
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Pred. No. 1.2e-60;
2; Mismatches 130;
                      -LPASGNSFDARPSOGYR 384
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APPLICANT: JOSEP O. Dalmau
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: MA FAMILY POLYPEPTIDES ANI
TITLE OF INVENTION: ANTIBODIES
FILE REFERENCE: 2581.1004-004
CURRENT APPLICATION NUMBER: US/10/037,860
CURRENT FILLING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR APPLICATION NUMBER: 09/189,527
PRIOR PILING DATE: 1998-11-10
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FASTSEQ for Windows Version 4.0
1 SEQ ID NO 4
1 ENGRY. 329
                                                                                                                                                                                  Sequence 40, Application US/09804014A
Publication No. US20030064489A1
GENERAL INFORMATION:
APPLICANT: Li, Li
APPLICANT: Padigaru, Muralidhara
APPLICANT: Vernet, Corine
APPLICANT: Fernandes, Elma
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US-09-804-014A-40
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Best Local Similarity
                                                                                                                                                                     APPLICANT:
APPLICANT: Shinkets, Richard
APPLICANT: Spaderna, Steven
APPLICANT: Majunder, Kumud
TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoding
FILE REFERENCE: 15966-721 US
CURRENT APPLICATION NUMBER: US/9/804,014A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/188,316
PRIOR FILING DATE: 2000-03-10
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TYPE: PRT
ORGANISM: homo
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Gaps

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177

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APPLICANT: Shinkets, Richard
APPLICANT: Spaderna, Steven
APPLICANT: Majumder, Kumud
ITITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Enc
FILE REFERENCE: 15966-721 US
CURRENT APPLICATION NUMBER: US/09/804,014A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/188,316
PRIOR APPLICATION NUMBER: 60/188,316
PRIOR FILING DATE: 2000-03-10
PRIOR FILING DATE: 2000-03-10
PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/189,139
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PRIOR FILLING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR FILLING DATE: 2000-03-13
PRIOR APPLICATION NUMBER: 60/189,140
PRIOR FILLING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR FILLING DATE: 2000-03-17
PRIOR FILLING DATE: 2000-03-17
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Best Local Similarity
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SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 40
LENGTH: 318
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APPLICANT: Pad
APPLICANT: Ver
APPLICANT: Fer
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OTHER INFORMATION: Wherein Xaa is any amino acid
OTHER INFORMATION: specification
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Vernet, Corine
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APPLICANT: Majumder, kunud
TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoding Same
FILE REFERENCE: 15966-721 US
CURRENT APPLICATION UNMER: US/09/804,014A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/188,316
PRIOR FILING DATE: 2000-03-10
PRIOR FILING DATE: 2000-03-10
PRIOR FILING DATE: 2000-03-10
PRIOR FILING DATE: 2000-03-14
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR APPLICATION NUMBER: 60/189,140
PRIOR APPLICATION NUMBER: 60/189,140
PRIOR APPLICATION NUMBER: 60/189,140
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PRIOR FILING DATE: 2000-03-14
PRIOR FILING DATE: 2000-03-14
PRIOR FILING DATE: 2000-03-17
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US-09-804-014A-73
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PRIOR APPLICATION NUMBER: 60/189,140
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-03-17
NUMBER OF SEQ ID NOS: 75
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Best Local Similarity 47.2%;
Matches 152; Conservative 55
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TYPE: PRT
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Majumder, Kumud
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Vernet, Corine
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Pred. No. 2.2e-58;
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APPLICANT: Spaderna, Steven
APPLICANT: Majumder, Kumud
TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoding Same
FILE REFERENCE: 15966-721 US
CURRENT APPLICATION NUMBER: US/09/804,014A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/188,316
PRIOR APPLICATION NUMBER: 60/188,316
PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/189,277
PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/189,139
PRIOR APPLICATION NUMBER: 60/189,140
PRIOR APPLICATION NUMBER: 60/189,140
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: 60/190,401
PRIOR FILING DATE: 2000-03-14
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PRIOR FILING DATE: 2000-03-14
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US-09-804-014A-74
; Sequence 74, Application US/09804014A
; Publication No. US20030064489A1
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; ORGANISM: Homo sapiens
US-09-804-014A-73
                                      US-09-804-014A-74
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mest Local Similarity 48.8%;
Matches 148; Conservation
                                                                                                              PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: 60/190,231
PRIOR FILING DATE: 2000-03-17
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 74
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APPLICANT: Pad
APPLICANT: Ver
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Query Match
                                                         ORGANISM: Homo
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                                                                                            ENGTH: 312
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Shimkets, Richard
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APPLICANT: Jerome B. Posner
APPLICANT: Josep O. Dalmau
APPLICANT: Myrna R. Rosenfeld
TITLE OF INVENTION: Ma FAMILY POLYPEPTIDES AND ANTI-MA
TITLE OF INVENTION: ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 11, Application US/10037860 Publication No. US20020123114A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches 148;
                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 135; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version
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PRIOR FILING DATE: 1998-11-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 2581.1004-004
CURRENT APPLICATION NUMBER: US/10/037,860
CURRENT FILING DATE: 2001-01-04
                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 283
TYPE: PRT
ORGANISM: homo sapiens
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PPGFLALVKLLREEEEWEATLGPDRESLE 348
                                             EGEKVSAYVLRLETLLRKAVEKRAIPRRIADQVRLEQVMAGATLNQMLWCRLRELKDQGP
                                                               AGEKVSSFVLRLEPLLQRAVENNVVSRRNVNQTRLKRVLSGATLPDKLRDKLKLMKQRRK 319
                                                                                                            EKKRWLAESLRGPALDLMHIVQADNPSISVEECLEAFKQVFGSLESRRTAQVRYLKTYQE
                                                                                                                            EKRRIMECIRGPALQVVSGIRASNASITVEECLAALQQVFGPVESHKIAQVKICKAYQE
                                                                                                                                                                                      WT--WAQTIGAAVOPILEOMIYREIRVFSGNTISIPGALAFDAWLEHTTEMIOMWQVPEG 199
                                                                                                                                                                                                                                    VQGKGGVWKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFRALGQEGVSPATVPCISPEL
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Job time : 104.433 secs

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